

Catalog System For Dr. Robert Jennings

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Client

Dr. Robert Jennings

- I. Sprint Plans
- II. Preliminary Test Plans
- III. Executed Test Plans
- IV. User Manual



Sprint Plans

BIOCAT CATALOGUE SYSTEM – SPRINT 1 PLAN

Date: February 06, 2023 – February 20, 2023

Infrastructure Work

1. Design Database
 - a. Owner: Think
 - b. Deadline February 10, 2023
 - c. Details: Review the database tables ensuring correct relationships and enter in at least one set of data for each table.
2. Stored Procedure
 - a. Owner Steven
 - b. Deadline February 15, 2023
 - c. Details: Stored procedures to save and load an application
3. Test Data
 - a. Owner Scott
 - b. Deadline February 20, 2023
 - c. Details: Test data stored in database to use to populate fields
4. Bootstrap to ASP.NET
 - a. Owner: Steven
 - b. Deadline: February 10, 2023
 - c. Details: Take Bootstrap design and convert to ASP.NET
5. Add Web Services to our project.
 - a. Owner: Think
 - b. Deadline February 15, 2023
 - c. Details: Add the extra SOAP based web services to our project

System Function

1. Create excel file conversion to database.
 - a. Owner: Peter
 - b. Deadline: February 20, 2023
 - c. Details: Allow for application to take in an excel file and fill into database
2. Admin uploading excel file to database
 - a. Owner: Peter
 - b. Deadline: February 20, 2023
 - c. Details: Allow for admin using the application to upload a excel file to the database
3. Create a form to add a new slide to database via file upload.
 - a. Owner Peter
 - b. Deadline: February 20, 2023



BIOCAT CATALOGUE SYSTEM – SPRINT 2 PLAN

Date: February 13, 2023 – February 27, 2023

Infrastructure Work

1. Switching from Web Forms to MVC using Entity Framework
 - a. Owner: Steven
 - b. Deadline: February 15, 2023
 - c. Details: Take current project and convert MVC model
2. Add Web Services to our project.
 - a. Owner: Scott
 - b. Deadline February 15, 2023
 - c. Details: Add the extra SOAP based web services to our project

System Function

1. Implement excel file import from Web Forms to MVC Model.
 - a. Owner: Peter
 - b. Deadline: February 17, 2023
 - c. Details: Implement the current excel file import from our web form project into our new MVC model project.
2. Create a view for import features.
 - a. Owner: Peter
 - b. Deadline: February 18, 2023
 - c. Details: Creating a view for the import feature where user can upload excel file to system and insert into database.
3. Create a form for adding new slides.
 - a. Owner: Cyrus
 - b. Deadline: February 18, 2023
 - c. Details: Allows users to add new slides with a form containing, slide unique id, name, category, subcategory, mount type, manufacturer, and manufacturer code.
4. Create View of database/microscope slides.
 - a. Owner: Cyrus
 - b. Deadline: February 18, 2023
 - c. Details: Allow for the application to view all the slides stored in database (admin view)
5. Create Edit View.
 - a. Owner: Cyrus
 - b. Deadline: February 18, 2023
 - c. Details: Allow the application to edit any slide record in the database.
6. Validate add slide form.
 - a. Owner: Think



- b.** Deadline: February 22, 2023
 - c.** Details: Validate User input and dropdowns on the add forms to have correct data types, and valid values for dropdowns
- 7.** Validate edit slide view/form.
 - a.** Owner: Think
 - b.** Deadline: February 22, 2023
 - c.** Details: Validate User input and dropdowns on the edit forms to have correct data types, and valid values for dropdowns.
- 8.** Validate excel import view/form.
 - a.** Owner: Scott
 - b.** Deadline: February 22, 2023
 - c.** Details: Validate the file upload to only be excel files, and dropdowns for category and subcategory are properly set to correct data.



BIOCAT CATALOGUE SYSTEM – SPRINT 3 PLAN

Date: February 27, 2023 – March 12, 2023

Infrastructure Work

1. Restructure the file directory to match with the SSO web services.
 - a. **Owner:** Steven
 - b. **Deadline:** February 27, 2023
 - c. **Details:** Restructure the file system so the URL request hits /secure/~content to match with web services for Temple SSO login
2. Track Git Changes and updates
 - a. **Owner:** Steven
 - b. **Deadline:** March 12, 2023
 - c. **Details:** Make sure the repository is up to date at all times, and the branches are merge successfully to main. No file override and problems.

System Function

1. Create the validation table view/page
 - a. **Owner:** Cyrus Ng
 - b. **Deadline:** March 3, 2023
 - c. **Details:** Create the views for the validation tables, categories, subcategories, and manufacturers.
2. Create the validation table controller
 - a. **Owner:** Scott
 - b. **Deadline:** March 3, 2023
 - c. **Details:** Create the controller that correlates to the validation table views.
3. Make validation tables editable
 - a. **Owner:** Cyrus Ng
 - b. **Deadline:** March 8, 2023
 - c. **Details:** Make sure that the validation tables have add, delete, and edit functionality.
4. Create catalogue view
 - a. **Owner:** Peter
 - b. **Deadline:** March 10, 2023
 - c. **Details:** Create the view for the user side where they can view the collection/catalogue of slides within our system. Navigating from the highest-level within the catalogue starting Categories > Subcategories > Slide Details.
5. Create the catalogue controller
 - a. **Owner:** Peter
 - b. **Deadline:** March 10, 2023
 - c. **Details:** Create the controller correlating to the catalogue views



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6. Update the slide model to have an optional image URL
 - a. **Owner:** Think
 - b. **Deadline:** March 3, 2023
 - c. **Details:** Add to both the SQL table and slide model to contain a property/column for an image upload.
 7. Create a DELETE ALL SLIDES function
 - a. **Owner:** Think
 - b. **Deadline:** March 1, 2023
 - c. **Details:** For development purposes only, create a function to completely delete all slides within the slides table in the SQL server.



BIOCAT CATALOGUE SYSTEM – SPRINT 4 PLAN

Date: March 13, 2023 – March 26, 2023

Infrastructure Work

1. Track Git Changes and updates
 - a. **Owner:** Steven
 - b. **Deadline:** March 25, 2023
 - c. **Details:** Make sure the repository is up to date at all times, and the branches are merge successfully to main. No file override and problems.
2. Update Database to include a table for admin users
 - a. **Owner:** Think
 - b. **Deadline:** March 15, 2023
 - c. **Details:** Make a table with properties, UserID(pk), TuID, TUXXX, first name, last name, admin level (the access an admin account can have)
3. Update Database to include a table for requests
 - a. **Owner:** Think
 - b. **Deadline:** March 20, 2023
 - c. **Details:** Create a new table that will handle tracking the request. The table will need to track the requestee name, email, request information, and etc. Will discuss more in depth as a group.

System Function

1. Create an admin table view/page
 - a. **Owner:** Cyrus
 - b. **Deadline:** March 18, 2023
 - c. **Details:** Create the view/html pages for the admin table, to track the users that have admin access.
2. Create admin controller
 - a. **Owner:** Cyrus
 - b. **Deadline:** March 18, 2023
 - c. **Details:** Create the controller that correlates to the admin table views.
3. Super Admins can add, delete, and update other administrative accounts
 - a. **Owner:** Peter
 - b. **Deadline:** March 18, 2023
 - c. **Details:** Make sure that the admin table has add, delete, and edit functionality.
4. Create Cart functionality.
 - a. **Owner:** Steven
 - b. **Deadline:** March 25, 2023
 - c. **Details:** When the user selects a slide from the catalogue it is added to the users cart and is tracked within the session.



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5. Logout functionality
 - a. **Owner:** Peter
 - b. **Deadline:** March 16, 2023
 - c. **Details:** Create a logout button, where it will log the user out of the site, using SSO/Shibboleth.
 6. Create the request form view
 - a. **Owner:** Scott
 - b. **Deadline:**
 - c. **Details:** Create the request page, where when the user hits request at the bottom of the cart, it will redirect to this page.
 7. Styling the request form/cart/admin table
 - a. **Owner:** Scott
 - b. **Deadline:** March 25, 2023
 - c. **Details:** Create and edit the styling for the following content, request form page, cart section, and admin table page.



BIOCAT CATALOGUE SYSTEM – SPRINT 5 PLAN

Date: March 27, 2023 – April 10, 2023

System Function

1. Create request controller.
 - a. **Owner:** Cyrus
 - b. **Deadline:** March 31, 2023
 - c. **Details:** Create the controller to handle the users request actions, and handle viewing their request history/record for both users and admin
2. Create request records pages/views.
 - a. **Owner:** Cyrus
 - b. **Deadline:** March 31, 2023
 - c. **Details:** Create the request records page to see past users request for both admin and user side.
3. Handle email interaction between each request.
 - a. **Owner:** Peter
 - b. **Deadline:** April 5, 2023
 - c. **Details:** When a user sends a request to the administrator for slides, it will automatically send an email with details about the request to the administrator's email address.
4. Handle email interaction on administrator side.
 - a. **Owner:** Peter
 - b. **Deadline:** April 5, 2023
 - c. **Details:** When administrator fulfills a request the user will be sent a automatic customized email from the administrator telling them the request is ready for pick up.
5. Create email template.
 - a. **Owner:** Peter/Scott
 - b. **Deadline:** April 3, 2023
 - c. **Details:** Admins should have the ability to change the template of the email that is sent such as the Subject and Body of the email.
6. Changing import function to map image path.
 - a. **Owner:** Steven
 - b. **Deadline:** March 31, 2023
 - c. **Details:** When an excel file is uploaded the import function should map to Uploaded/Photos/"uniqueID" to each slide object.
7. Change slide controller edit and add functions/actions.
 - a. **Owner:** Think
 - b. **Deadline:** March 31, 2023



- c. **Details:** Change the slide edit and add function to have a file upload for image and
- 8. Handle image mapping error.
 - a. **Owner:** Steven
 - b. **Deadline:** March 31, 2023
 - c. **Details:** If image does not exists with the uniqueID output this in the error log to let administrators know.
- 9. Styling changes to the project
 - a. **Owner:** Scott
 - b. **Deadline:** April 7, 2023
 - c. **Details:** Create and edit the styling for the following content, request form page, cart section, and admin table page.



BIOCAT CATALOGUE SYSTEM – SPRINT 6 PLAN

Date: April 10, 2023 – April 21, 2023

System Function

1. Handle email interaction between each request.
 - a. **Owner:** Peter
 - b. **Deadline:** April 5, 2023
 - c. **Details:** When a user sends a request to the administrator for slides, it will automatically send an email with details about the request to the administrator's email address.
2. Handle email interaction on administrator side.
 - a. **Owner:** Peter
 - b. **Deadline:** April 5, 2023
 - c. **Details:** When the administrator fulfills a request the user will be sent a automatic customized email from the administrator telling them the request is ready for pick up.
3. User can export their selected slides/cart into pdf.
 - a. **Owner:** Cyrus & Peter
 - b. **Deadline:** April 19, 2023
 - c. **Details:** Be able to convert request cart slides into pdf when user or admin wants to save a copy.
4. Handle Error Mapping
 - a. **Owner:** Steven
 - b. **Deadline:** April 21, 2023
 - c. **Details:** Handle any error messages with appropriate responses and map accordingly.
5. System Documentation & User Manual
 - a. **Owner:** Think & Scott
 - b. **Deadline:** April 24, 2023
 - c. **Details:** Start on user manual and system documentation



Preliminary Test Plans

Preliminary Test Plan

Project Name: BioCat				Programmer:		
User Story: Convert Excel sheet into system				Tester: Cyrus		
Test Objective(s): Admin can upload a excel file and upload to the database				Test Case Author		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is able to go on the import data form page	Click on the import data tab on the nav bar	Goes to the import data form page			
2	Successful file transfer from computer to system	Admin will select excel file they want imported	No notification saying that file was unable to be imported			
3	Specifying category on import data form	Enter a category drop down	Chosen category should appear			
4	Specifying subcategory on import data form	Enter subcategory dropdown box	Chosen subcategory should appear			
5	Incorrect file type has been uploaded	Uploading a file that is not an excel file.	A notification will appear saying that the file type is incorrect and takes only excel			
6	Data from Excel file conversion successfully converted into database.	Click on upload button	Pop-up message saying conversion was successful			



Project Name: BioCat				Programmer:		
User Story: Manual input of a new slide's data				Tester: Cyrus		
Test Objective(s): Admin can input a new slide's data manually				Test Case Author		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is able to go on the add new slide form page	Click on the add new slide button on the nav bar	Goes to the add new slide form page			
2	Entering a unique slide identifier	Inputting a unique slide identifier under the field called "Unique Slide Identifier"	No alert displaying next to the field name saying that this is not unique slide identifier			
3	Specifying a manufacturer on the new slide form	Enter a manufacturer from dropdown	Chosen manufacturer should appear			
4	Specifying category	Enter a category drop down	Chosen category should appear			
5	Specifying subcategory on new slide form	Enter subcategory dropdown box	Chosen subcategory should appear			
6	Specifying slide name on new slide form	Enter slide name in text field	Name entered shall appear			
7	Required fields are not filled out	Admin clicks "Upload" without filling out all required information	A notification will appear saying that not all required fields have been filled out and needs to be in order to upload			



BIOLOGY SLIDES

8	All fields are complete with valid data	Admin clicks "Upload"	Notification appears saying that a successful upload has been completed			
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Project Name: BioCat				Programmer:		
User Story: Lab coordinators view catalogue of microscope slides				Tester: Peter		
Test Objective(s): Lab coordinators/users has ability to view the catalogue				Test Case Author: Peter		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is logged in and is on Home Page	Log in through Temple sign on	Directed to home page/category page			
2	User can view the distinct categories	User selects a category	Redirects to correlating category			
3	User can view the different subcategory	User selects a subcategory	Redirects to correlating subcategory			
4	User can view all the slides within the category and subcategories	User go to the next page or go to previous page	Go to next or previous pages			

Project Name: BioCat				Programmer:		
User Story: Lab coordinators view catalogue of microscope slides				Tester: Peter		
Test Objective(s): Lab coordinators/users				Test Case Author: Peter		



has ability to view the catalogue

Test Date
Created:

Test Date
Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is logged in and is on Home Page	Log in through Temple sign on	Directed to home page/category page			
2	User can view the distinct categories	User selects a category	Redirects to correlating category			
3	User can view the different subcategory	User selects a subcategory	Redirects to correlating subcategory			
4	User can view all the slides within the category and subcategories	User selects a slide	The selected slide will ask the quantity amount			
5	User sees pop up of quantity amount	User inputs quantity amount wanted for selected slide	The quantity amount is shown			
6	Quantity Amount has been entered	User clicks 'Add'	The cart will be filled with that slide request			
7	Pop-up has disappeared and is back on screen	User clicks "Request" on request cart	User is redirected to the request page			
8	User is on the request page	User chooses a date for the entry "Date required by"	Date picked is shown			



9	User is on the request page	User writes comment in the comment field	User sees comment written and sees it attached in the email being sent			
10	User is on the request page	User selects invalid date	A notification pops up saying that the date selected is invalid			
11	User is on the request page	User clicks on "Upload" button	Notification will appear saying that the request form has been successfully received			

Project Name: BioCat			Programmer:			
User Story: Admin validating type of mount, category, subcategory, and manufacturer			Tester: Steven			
Test Objective(s): Admins can choose to activate or deactivate and add data to the validation tables			Test Case Author: Steven			
Test Date Created:			Test Date Completed:			
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is logged in and on dashboard	Admin clicks on 'Validation Tables'	Redirects to Validation Table page			
2	Admin is on validation table page and sees all validation tables	Admin clicks on 'Active' on a data	'Active' will turn to 'Inactive'			
3	Admin is on validation table page and sees all validation tables	Admin clicks on 'Inactive' on a data	'Inactive' will return 'Active'			
4	Admin is on validation table page and sees all validation tables	Admin clicks 'Add'	Pop form for adding data validation opens			



BIOLOGY SLIDES

5	Admin is on pop-up form to add data validation	Admin selects a table to add data	Table selected is shown			
6	Admin is on pop-up form to add data validation	Admin enters name of the data	Name of the data is shown			
7	Admin is on pop-up form to add data validation	Admin clicks 'Add'	Data is added to the corresponding validation table			

Project Name: BioCat				Programmer:		
User Story: Requestee to export list of selected slides				Tester: Steven		
Test Objective(s): Users has ability to export list of their selected slides				Test Case Author: Steven		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Requestee is logged in and on main screen (category page)	User logs in through Temple sign on	Landing page for users is shown			
2	User can view the distinct categories	User selects a category	Redirects to correlating category			
3	User can view the different subcategories	User selects a subcategory	Redirects to correlating subcategory			
4	User can view all the slides within the category and subcategories	User selects a slide	The selected slide will ask the quantity amount			



BIOLOGY SLIDES

5	User sees pop up of quantity amount	User inputs quantity amount wanted for selected slide	The quantity amount is shown			
6	Quantity Amount has been entered	User clicks 'Add'	The cart will be filled with that slide request			
7	Pop-up has disappeared and is back on screen	User clicks "Request" on request cart	User is redirected to the request page			
8	User able to export slides in request card	Clicks on "Export" button on the bottom of the request cart	A pdf downloads with the summary of all the slides they have in their request cart			

Project Name: BioCat				Programmer: Scott		
User Story: Lab coordinator Cancel Slide Request, Cancel Request From, and Delete Slide Request Test				Tester: Scott		
Objective(s): Lab coordinator Cancel Slide Request, Cancel Request From, and Delete Slide Request				Test Case Author Scott		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Cancel a slide request with 1 item in the cart	Lab coordinators click the cancel button with 1 slide in their cart	The order is cleared			
2	Cancel a slide request with 0 item in the cart	Lab coordinators click the cancel button with 0 slide in their cart	Lab coordinator is prompted to add a slide to their cart			
3	Checking the cancel button from the request form	Lab coordinator clicks the cancel button on the request form	Lab coordinator is brought to the main page			



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4	Delete 1 slide in the cart	Lab coordinators delete 1 slide from the cart	The 1 slide is deleted from the cart			
5	Delete 5 slide in the cart	Lab coordinators delete 5 slides in their cart	The 5 slides are deleted from the cart			

Project Name: BioCat View Request				Programmer: Scott		
User Story: Records Test				Tester: Scott		
Objective(s): Lab coordinator can view their request history				Test Case Author Scott		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	1 request is completed	Lab Coordinator finishes making one request and clicks request history and the admin marks the request as complete	status of request is shown to be completed			
2	1 request is in progress	Lab Coordinator finishes making one request and clicks request history	Show record of the one request and the status is in progress			
3	checking summary of request	Lab Coordinator clicks the summary icon on a request they made	Shows the summary of the request			
4	5 requests are made and are shown in order of when the request was made	Lab Coordinator submits 5 requests	Request in records is order by dates of when the request was made			



5	Person name is shown on request record	Lab Coordinator input their name for the request being made	Their name is shown in the record page			
6	Logout to see if record save upon longing back into the application	Lab coordinator logs out of the Biocat application, logs back in, and click request records	Should see their previous request			

Project Name: BioCat				Programmer:		
User Story: Admin can upload a slide photo				Tester: Think Phan		
Test Objective(s): Admin can upload a photo to a microscope slide				Test Case Author		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Make sure photos are upload with the appropriate slides	admin click the image chose file button and upload a slide picture	admin can see their photo display			
2	Photos are not too big or not too small	admin upload a photo that is too big or too small	admin is asked to upload a picture of a specify size			
3	No image is uploaded for a new slide	admin add new slide with no image attached to it	A no image grey box will be the image for the slide			



Project Name: BioCat				Programmer: Think		
User Story: Filter search (5)				Tester: Think		
Test				Test Case Author		
Objective(s): Filter the search				Test Date		
Test Date Created:				Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Search bar is used to find a slide	Lab coordinators click the search bar to find a slide	Able to type the slide they are looking for in the search bar			
2	Type in the search bar something that does not exist in the current slide catalog	Lab coordinators click the search bar and type a search word that is not in the catalog	Displayed with a message that no slide was found			



Preliminary Test Plan 2

Project Name:	BioCat				Programmer:	Peter
User Story:	Lab coordinators can upload excel file to system and insert into database				Tester:	Steven
Test Objective(s):	Lab coordinators can upload excel file to system and insert into database				Test Case Author:	Steven
Test Date Created:	2/10/2023				Test Date Completed:	
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	0 file are chosen	Click import without choosing a file	Prompted to upload atleast one excel file			
2	1 jpeg file chosen	Click choose file and try to upload a jpeg file	Open file explorer and only shows excel files			
3	1 doc file is chose	Click choose file and try to upload a doc file	Open file explorer and only shows excel files			
4	1 pdf file is chosen	Click choose file and try to upload a png file	Open file explorer and only shows excel files			
5	1 png file is chosen	Click choose file and try to upload a png file	Open file explorer and only shows excel files			
6	1 mp3 file is chosen	Click choose file and try to upload a mp3 file	Open file explorer and only shows excel files			
7	1 excel file is chosen	Click choose file and try to upload an excel file	The data from the excel file should be displayed in the database			
8	3 excel file are chosen	Click choose file and try to upload 3 excel files	Only one file will be accepted to be imported			



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Allow Admin/ Lab managers to add new slides with a form containing, slide unique Id, name, category, subcategory, mount type, manufacturer, and manufacturer code				Tester:	Steven
Test Objective(s):	Seeing if Admin/Lab mangers can add new slides into the form page				Test Case Aut	Steven
Test Date Created:	2/10/2023				Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	The text boxes/dropdowns are empty on the add new slide page	No text boxes/dropdowns are filled in and then the add button is click	Prompted to fill in the mandatory text boxes/dropdowns			
2	The text boxes are filled with numbers on the add a new slide page	All the text boxes are filled with numbers and then the add button is click	Prompted to input letters for the text boxes that do not take numbers			
3	The text boxes are filled with symbols on the add a new slide page	All the text boxes are filled with symbols and then the add button is click	Prompted to input letters for the text boxes that do not take numbers			
4	New slide is added with the correct type of data filled in each respective text boxes and all the dropdowns are filled in	The text boxes are filled with the correct data type with the dropdowns having atleast one item selected	The new slide should show up on the admin dashboard and the database			
5	Image is not chosen on the add a new slide page	Image is not chosen and the add button is click	The new slide should show up on the admin dashboard and the database, but no image will be displayed when trying to check out this slide			
6	Image size of 10MB or greater is chosen	Image size of 10MB or greater is chosen and then the add button is clicked	Prompted to chose a image less than 10MB			
7	Image less than 10 MB is chosen	Image size of 10MB or less is click and then the add button is click	The image is accepted			



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Allow the Admin/Lab managers to be able to view all slides stored in the database				Tester:	Scott
Test Objective(s):	Seeing if the Admin/Lab managers can view slides from the database on the Admin dashboard page in the application				Test Case Aut:	Scott
Test Date Created:	2/10/2023				Test Date Completed:	
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Can the Admin/Lab managers see the current slide catalog from the database	Gose to the admin dashboard page	Should see all the slides from the database being displayed on the admin dashboard page			
2	Can the Admin/Lab managers see when a new slide is inserted	insert a new slide	should see new slide on the admin dashboard			
3	Can the Admin/Lab managers see when a slide is deleted	deletes a slide	should see the slide remove from the admin dashboard page			
4	Can the Admin/Lab manager see when a slide is updated	updates a slide	Should see that the values of the slide is updated on the admin view page			



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Admin/Lab mangers shall be able to edit any slide record in the database using the BioCat application				Tester:	Thin
Test Objective(s):	Can the Admin/Lab mangers edit slide records from the database in the BioCat application				Test Case Aut	Thin
Test Date Created:	2/18/2023				Test Date Completed:	
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Can exit the edit slide prompt	Click the edit icon and the click the cancel button	Should exit out of the edit prompt			
2	Edit existing slide and have incorrect data types for the respective values (i.e Slide Name Unquield, Manufacturer, Manufacturer code, Mount type, quantity , category, and sub category)	Clicks the edit icon, input incorrect data for the respective fields and clicks the submit button	Prompted to put in the correct data for the repective fields			
3	Edit a slide that has been recently added to the admin dashboard	Finishes adding a new slide and then navigate to the admin dashboard page to locate the added slide and edit it	should be able to edit a new slide that has been added to the admin dashboard			
4	Edit slide and make the Unquield identical to another slide currently in the admin dashboard	Click the edit icon and input the same unquield as another slide in the admin dashboard	Prompted to put another unquield in			



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Scott
User Story:	Admin/Lab managers shall be able to import a new category/subcategory excel file on the import page				Tester:	Scott
Test Objective(s):	Validate the file being uploaded is only an excel file and that the category and subcategory data are correct				Test Case Aut:	Scott
Test Date Created:	2/10/2023				Test Date Completed:	
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Import with no file being chosen	Click the import button	Prompted to chose an excel file to be imported			
2	Import with a jpeg	Chose a jpeg file and then click import	Prompted to chose a excel file to be imported			
3	import with a png	Chose a png file and then click import	Prompted to chose a excel file to be imported			
4	import PDF	Chose a PDF file and then click import	Prompted to chose a excel file to be imported			
5	Import an excel sheet and choose incorrect values for subcategory and category fields based on the excel sheet	Chose an excel file and then put the incorrect subcategory/category values based on the excel sheet and then click import	Prompted to put the correct subcategory/category values based on the excel file to be imported			
6	Import an excel sheet and choose correct values for the subcategory and category fields based on the excel sheet	Chose an excel file and then put the correct subcategory/category values based on the excel sheet and then click import	The subcategory/category with the slide vlaues shall be displayed on the admin dashboard			
7	Import a excel file with the subcategory and category field being empty	Chose an excel file and then click import	Prompted to select a category and subcategory value			



BioCat Prelim Test Plan 3

Project Name:	BioCat	Programmer:	Cyrus
User Story:	Admin able to view validation tables	Tester:	Cyrus
Test Objective(s):	Admin is able to view category, subcategory, manufacturer and mount type validation tables	Test Case Author	
Test Date Created:	2/24/2023	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on the validation table page	Admin is logged in and navigates to the validation table page	Redirected to the validation table page			
2	Able to scroll up and down on category validation table	Scroll through to see each category entity	Scroll through to see each category entity			
3	Able to scroll up and down on subcategory validation table	Scroll through to see each subcategory entity	Scroll through to see each subcategory entity			
4	Able to scroll up and down on manufacturer validation table	Scroll through to see each manufacturer entity	Scroll through to see each manufacturer entity			
5	Able to scroll up and down on mount type validation table	Scroll through to see each mount type entity	Scroll through to see each mount type entity			
6	Able to pick category in dropdown list above the Subcategory validation table	Pick a category from dropdown list	Shows only the subcategories of the category picked			

Project Name:	BioCat	Programmer:	Scott
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User Story: Admin can activate/deactivate validation table entities
 Test Objective(s): Admin will be able to enable or disable entities in the validation tables
 Test Date Created: 2/24/2023

Tester: Scott
 Test Case Author
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on the validation table page	Admin is logged in and navigates to the validation table page	Redirected to the validation table page			
2	Admin chooses the category validation table and activates an inactive entity	Admin clicks on 'inactive' on a category entity	inactive' will become 'active' and will turn green from red			
3	Admin chooses the category validation table and deactivates an active entity	Admin clicks on 'active' on a category entity	active' will become 'inactive' and will turn red from green			
4	Admin chooses the subcategory validation table and activates an inactive entity	Admin clicks on 'inactive' on a subcategory entity	inactive' will become 'active' and will turn green from red			
5	Admin chooses the subcategory validation table and deactivates an active entity	Admin clicks on 'active' on a subcategory entity	active' will become 'inactive' and will turn red from green			
6	Admin chooses the manufacturer validation table and activates an inactive entity	Admin clicks on 'inactive' on a manufacturer entity	inactive' will become 'active' and will turn green from red			
7	Admin chooses the manufacturer validation table and deactivates an active entity	Admin clicks on 'active' on a manufacturer entity	active' will become 'inactive' and will turn red from green			

8	Admin chooses the mount type validation table and activates an inactive entity	Admin clicks on 'inactive' on a mount type entity	inactive' will become 'active' and will turn green from red
9	Admin chooses the mount type validation table and deactivates an active entity	Admin clicks on 'active' on a mount type entity	active' will become 'inactive' and will turn red from green

Project Name:	BioCat	Programmer:	Cyrus
User Story:	Add validation table entity	Tester:	Cyrus
Test Objective(s):	Admin able to add new entity in validation table	Test Case Author:	
Test Date Created:	2/24/2023	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on the validation table page	Admin is logged in and navigates to the validation table page	Redirected to the validation table page			
2	Add form for category validation table entity appears	Admin clicks on add button for category validation table	Redirects to add form for validation table entity			
3	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form			
4	Add form saves the new entity in category validation table	Admin fills out add form and clicks the save button	New entity shows up in the category validation table			
5	New entity appears in the category validation table	Admin scrolls and sees the new entity in the category validation table	New entity shows up in the validation table			
6	Add form for subcategory validation table entity appears	Admin clicks on add button for subcategory validation table	Redirects to add form for validation table entity			

7	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form
8	Add form saves the new entity in subcategory validation table	Admin fills out add form and clicks the save button	New entity shows up in the subcategory validation table
9	New entity appears in the subcategory validation table	Admin scrolls and sees the new entity in the subcategory validation table	New entity shows up in the validation table
10	Add form for manufacturer validation table entity appears	Admin clicks on add button for manufacturer validation table	Redirects to add form for validation table entity
11	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form
12	Add form saves the new entity in manufacturer validation table	Admin fills out add form and clicks the save button	New entity shows up in the manufacturer validation table
13	New entity appears in the manufacturer validation table	Admin scrolls and sees the new entity in the manufacturer validation table	New entity shows up in the validation table
14	Add form for mount type validation table entity appears	Admin clicks on add button for mount type validation table	Redirects to add form for validation table entity
15	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form
16	Add form saves the new entity in mount type validation table	Admin fills out add form and clicks the save button	New entity shows up in the mount type validation table

17	New entity appears in the mount type validation table	Admin scrolls and sees the new entity in the mount type validation table	New entity shows up in the validation table
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Project Name:	BioCat	Programmer:	Peter
User Story:	User views slides	Tester:	Peter
Test Objective(s):	User can look through the catalogue and view slides	Test Case Author:	
Test Date Created:	2/24/2023	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is landed on home page	User Logs in	Directed to home page (category view page)			
2	User lands to list of subcategory page	user selects a category	Directed to the correlating subcategory page of the selected category			
3	User is on list of the slides	User selects a subcategory	Redirected to the all of the correlating category and subcategory slides			

Project Name:	BioCat	Programmer:	ThinH
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User Story: Admin can add image to slides

Tester: Think

Test Objective(s):

Test Case Author

Test Date Created: 2/24/2023

Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page and can see all slides	Admin logs in	Directed to home page			
2	Admin is on edit slide page	Admin chooses a slide and clicks "edit"	Redirected to edit slide page			
3	Image is uploaded to the slide	Admin uploads image	Image is seen on the edit page			

BioCat Prelim Test Plan 4

Project Name: BioCat		Programmer: Cyrus				
User Story: Admin able to track who has admin access		Tester: Cyrus				
Test Objective(s): Admin able to view admin table		Test Case				
Test Date Created: 3/10/2023		Test Date Completed:				
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on admin table page	Admin is logged in and navigates to the admin table page	Redirected to the Admin table page			
2	Admin is able to view all users who has admin access	Admin is able to scroll to view users who has admin access	Admin scrolling on admin table page			

Project Name: BioCat	Programmer: Peter
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User Story: Admin able to add, delete, update functionality in the admin table
 Test Objective(s): Admin table functionality works
 Test Date Created: 3/10/2023

Tester: Peter
 Test Case
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on admin table page	Admin is logged in and navigates to the admin table page	Redirected to the Admin table page			
2	Admin is able to view all users who has admin access	Admin is able to scroll to view users who has admin access	Admin scrolling on admin table page			
3	Admin able to create/give admin access to user	Admin clicks on the create/give admin access button for user	Desired user now has admin access			
4	Admin able to edit user in admin table	Admin clicks on edit for the user	Admin edits user information			

5	Admin able to delete user	Admin clicks on the delete button for user	User deleted from admin table/database			
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Project Name: BioCat
 User Story: User able to add slides to slide cart
 Test Objective(s): Slides can be added into slide cart
 Test Date Created: 3/10/2023

Programmer: Steven
 Tester: Steven
 Test Case
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on catalouge page	User is logged in and navigates to the catalouge page	Redirected to the catalouge page			
2	User is able to pick the category they want to view	User clicks on category they want to view	User is presented with the subcategories of the category they have chosen			

3	User is able to pick the subcategory they want to view	User clicks on subcategory they want to view	User is presented all the slides under the subcategory			
4	User is able to add slide they want to request in the request cart	User clicks the add button on the slide they want	The slide appears in the request cart			
Project Name: BioCat					Programmer: Scott	
User Story: User able to fill out request form					Tester: Scott	
Test Objective(s): Request form works					Test Case	
Test Date Created: 3/10/2023					Test Date Completed:	
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on catalouge page	User is logged in and navigates to the catalouge page	Redirected to the catalouge page			
2	User is able to pick the category they want to view	User clicks on category they want to view	User is presented with the subcategories of the category they have chosen			

3	User is able to pick the subcategory they want to view	User clicks on subcategory they want to view	User is presented all the slides under the subcategory			
4	User is able to add slide they want to request in the request cart	User clicks the add button on the slide they want	The slide appears in the request cart			
5	User is on request form page	User clicks on the request button on the bottom of the request cart	Redirected to the request form page			
6	User is able to fill our information in request form	User fills out information on request form	No errors presented when request form if filled out			

Project Name: BioCat		Programmer: Peter				
User Story: User are able to logout		Tester: Peter				
Test Objective(s): Logout is functional		Test Case				
Test Date Created: 3/10/2023		Test Date Completed:				
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is logged in	User logs in	Redirected to the landing page			
2	User is able to logout	User clicks logout button	User is logout			

Project Name:	BioCat	Programmer:	Cyrus
User Story:	Admin to view past request records	Tester:	Cyrus
Test Objective(s):	Admin will be able to view all records of requests	Test Case Author	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on landing page	Admin logs into system	Admin is on landing page			
2	Admin is on Request Records page	Admin navigates to Request Records	Redirected to Request Record Page			
3	Admin views details of the requests	Admin clicks on "view detail"	Modal of detailed request appears			

Project Name:	BioCat	Programmer:	Peter
User Story:	Email is sent to the administrative team when a request is made	Tester:	Peter
Test Objective(s):	Sending an email once request is made by a user	Test Case Author	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on home page	User logs into system	User is directed to the home page			
2	User lands to list of subcategory	User chooses a category of slides	User is redirected to the subcategory view			
3	User lands to list of slides	User chooses a subcategory	User is redirected to slide view			
4	User has slides in their cart	User chooses slides to add	Slides selected will be displayed on the cart			



5	User submits request	User submits request by clicking on "request" button	Pop up of "request sent" is displayed			
6	Admin receives email of request	User submitted request	Admin receives email of the request			

Project Name:	BioCat	Programmer:	Peter
User Story:	System automatically sends an email to the requestee about slides ready for pickup	Tester:	Peter
Test Objective(s):	Testing the email automation for slide pickup	Test Case Author:	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page			
2	Admin is on request page	Admin navigates to requests	Admin is redirected to the Request Page			
3	Admin completes a request	Admin clicks on a request and finalizes the request	Pop-up saying that the request is ready for pick up and an email is sent			
4	Admin completes a request	Admin clicks on a request and finalizes the request	Email is sent to the requestee			



Project Name:	BioCat	Programmer:	Peter & Scott
User Story:	Admin can change the template of emails being sent	Tester:	Scott
Test Objective(s):	Testing the email template	Test Case Author	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page			
2	Admin is on email template settings	Admin navigates to the settings page	Admin is redirected to the settings page			
3	Admin can add a template	Admin clicks on "+" to add a template	Admin is on "creating an email template" view			
4	Admin chooses what templates are being used	Admin selects the template for emails being automated for user and admin side	Check mark will appear indicating current template in use for admin and users			



Project Name:	BioCat	Programmer:	Steven
User Story:	Slides being paired with their respected pictures	Tester:	Steven
Test Objective(s):	Mapping images to correct slides	Test Case Author	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page			
2	Excel sheet uploaded	Admin uploads desired excel sheet of slides	Enters database			
3	Image shows up with its slide	Automatic pairing of slides and their pictures	The slide's image appears with the slide			

Project Name:	BioCat	Programmer:	Think
User Story:	Admin can edit/add images to slides	Tester:	Think
Test Objective(s):	Testing the ability to add an image to existing slides	Test Case Author	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to the home page			
2	Admin can view all slides	Admin navigates to Slides list view	Admin is on Slides page			
3	Admin can edit slide	Admin clicks on "Edit" button on a slide	Admin is on edit slide page			
4	Admin uploads image	Admin clicks on "upload" for Image	Redirected to their files to upload image			



5	Admin uploads image	Admin selects file to upload for slide image	Image and image path is seen on the page			
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BIOLOGY SLIDES

Project Name:	BioCat	Programmer:	Peter
User Story:	Email is sent to the administrative team when a request is made	Tester:	Peter
Test Objective(s):	Sending an email once request is made by a user	Test Case Author	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on home page	User logs into system	User is directed to the home page			
2	User lands to list of subcategory	User chooses a category of slides	User is redirected to the subcategory view			
3	User lands to list of slides	User chooses a subcategory	User is redirected to slide view			
4	User has slides in their cart	User chooses slides to add	Slides selected will be displayed on the cart			
5	User submits request	User submits request by clicking on "request" button	Pop up of "request sent" is displayed			
6	Admin receives email of request	User submitted request	Admin receives email of the request			

Project Name:	BioCat	Programmer:	Peter
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User Story: System automatically sends an email to the requestee about slides ready for pickup
 Test Objective(s): Testing the email automation for slide pickup
 Test Date Created: 3/24/23

Tester: Peter
 Test Case Author
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page			
2	Admin is on request page	Admin navigates to requests	Admin is redirected to the Request Page			
3	Admin completes a request	Admin clicks on a request and finalizes the request	Pop-up saying that the request is ready for pick up and an email is sent			
4	Admin completes a request	Admin clicks on a request and finalizes the request	Email is sent to the requestee			

Project Name: BioCat
 Programmer: Cyrus & Peter



User Story: User is able to download/print a pdf of their selected slides/slides in cart
 Test Objective(s): Testing export function of slides list
 Test Date Created: 3/24/23

Tester: Cyrus & Peter
 Test Case Author
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on home page	User logs into system	User is directed to home page			
2	User selects slides and adds to cart	User selects category, subcategory, and a slide	Slide shows on cart			
3	PDF is downloaded into system	User clicks 'Export' from the cart	PDF is downloaded			



Executed Test Plans

Executed Test Plan 1

Project Name: BioCat User Story: Convert Excel sheet into system Test Objective(s): Admin can upload a excel file and upload to the database Test Date Created: 2/3/23				Programmer: Tester: Cyrus Test Case Author Test Date 2/10/2023 Completed: 2/10/23		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is able to go on the import data form page	Click on the import data tab on the nav bar	Goes to the import data form page	Import data page appears	Pass	
2	Successful file transfer from computer to system	Admin will select excel file they want imported	No notification saying that file was unable to be imported	Able to select excel file	Pass	
3	Specifying category on import data form	Enter a category drop down	Chosen category should appear	Chosen category appears	Pass	
4	Specifying subcategory on import data form	Enter subcategory dropdown box	Chosen subcategory should appear	Chosen subcategory appears	Pass	
5	Incorrect file type has been uploaded	Uploading a file that is not an excel file.	A notification will appear saying that the file type is incorrect and takes only excel	Pop-up message appears saying that the wrong file type has been uploaded	Pass	



6	Data from Excel file conversion successfully converted into database.	Click on upload button	Pop-up message saying conversion was successful	Pop-up message appears of success	Pass	
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Project Name: BioCat				Programmer: Cyrus		
User Story: Manual input of a new slide's data				Tester: Cyrus		
Test Objective(s): Admin can input a new slide's data manually				Test Case Author		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is able to go on the add new slide form page	Click on the add new slide button on the nav bar	Goes to the add new slide form page	Could not execute, no add manual feature yet	Fail	Work still needs to be done
2	Entering a unique slide identifier	Inputting a unique slide identifier under the field called "Unique Slide Identifier"	No alert displaying next to the field name saying that this is not unique slide identifier	Could not execute, no add manual feature yet	Fail	Work still needs to be done
3	Specifying a manufacturer on the new slide form	Enter a manufacturer from dropdown	Chosen manufacturer should appear	Could not execute, no add manual feature yet	Fail	Work still needs to be done
4	Specifying category	Enter a category drop down	Chosen category should appear	Could not execute, no add manual feature yet	Fail	Work still needs to be done
5	Specifying subcategory on new slide form	Enter subcategory dropdown box	Chosen subcategory should appear	Could not execute, no add manual feature yet	Fail	Work still needs to be done
6	Specifying slide name on new slide form	Enter slide name in text field	Name entered shall appear	Could not execute, no add	Fail	Work still needs to be




				manual feature yet		done
7	Required fields are not filled out	Admin clicks "Upload" without filling out all required information	A notification will appear saying that not all required fields have been filled out and needs to be in order to upload	Could not execute, no add manual feature yet	Fail	Work still needs to be done



BIOLOGY SLIDES

8	All fields are complete with valid data	Admin clicks "Upload"	Notification appears saying that a successful upload has been completed	Could not execute, no add manual feature yet	Fail	Work still needs to be done
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Project Name: BioCat			Programmer: Peter			
User Story: Lab coordinators view catalogue of microscope slides			Tester: Peter		Peter	
Test			Test Case Author: Peter			
Objective(s): Lab coordinators/users has ability to view the catalogue			Test Date Completed: 2/10/23			
Test Date Created:						
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is logged in and is on Home Page	Log in through Temple sign on	Directed to home page/category page	Home page is shown	Pass	Have not yet implemented web services so cannot login through Temple yet
2	User can view the distinct categories	User selects a category	Redirects to correlating category	No view for lab coordinators	Fail	Work still needs to be done
3	User can view the different subcategory	User selects a subcategory	Redirects to correlating subcategory	No view for lab coordinators	Fail	Work still needs to be done
4	User can view all the slides within the category and subcategories	User go to the next page or go to previous page	Go to next or previous pages	No view for lab coordinators	Fail	Work still needs to be done

Project Name: BioCat			Programmer:
User Story: Lab coordinators view catalogue of microscope slides			Tester: Peter
Test: Lab			Test Case Author: Peter
Objective(s): coordinators/users			

September 03, 2022
Version 1.0

has ability to view the catalogue

Test Date Created:

Test Date Completed: 2/10/23

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is logged in and is on Home Page	Log in through Temple sign on	Directed to home page/category page	Home page is shown	Pass	Web services/shibboleth has not been added yet so log in through Temple not yet ready
2	User can view the distinct categories	User selects a category	Redirects to correlating category	View not yet built	fail	Still need to be built
3	User can view the different subcategory	User selects a subcategory	Redirects to correlating subcategory	View not yet built	fail	Still need to be built
4	User can view all the slides within the category and subcategories	User selects a slide	The selected slide will ask the quantity amount	View not yet built	fail	Still need to be built
5	User sees pop up of quantity amount	User inputs quantity amount wanted for selected slide	The quantity amount is shown	View not yet built	fail	Still need to be built
6	Quantity Amount has been entered	User clicks 'Add'	The cart will be filled with that slide request	View not yet built	fail	Still need to be built
7	Pop-up has disappeared and is back on screen	User clicks "Request" on request cart	User is redirected to the request page	View not yet built	fail	Still need to be built



8	User is on the request page	User chooses a date for the entry "Date required by"	Date picked is shown	View not yet built	fail	Still need to be built
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9	User is on the request page	User writes comment in the comment field	User sees comment written and sees it attached in the email being sent	View not yet built	fail	Still need to be built
10	User is on the request page	User selects invalid date	A notification pops up saying that the date selected is invalid	View not yet built	fail	Still need to be built
11	User is on the request page	User clicks on "Upload" button	Notification will appear saying that the request form has been successfully received	View not yet built	fail	Still need to be built

Project Name: BioCat				Programmer:		
User Story: Admin validating type of mount, category, subcategory, and manufacturer				Tester: Steven		
Test Objective(s): Admins can choose to activate or deactivate and add data to the validation tables				Test Case Author: Steven		
Test Date Created:				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is logged in and on dashboard	Admin clicks on 'Validation Tables'	Redirects to Validation Table page	Brought to the validation page	Pass	There is no content currently on this page
2	Admin is on validation table page and sees all validation tables	Admin clicks on 'Active' on a data	'Active' will turn to 'Inactive'	Inactive button dose not turn inactive	Fail	Built the prototype of the validation table, must add functionality



3	Admin is on validation table page and sees all validation tables	Admin clicks on 'Inactive' on a data	Inactive' will return 'Active'	Inactive button dose not turn active	Fail	Built the prototype of the validation table, have to add functionality
4	Admin is on validation table page and sees all validation tables	Admin clicks 'Add'	Pop form for adding data validation opens	No pop-up form opens	Fail	Built the prototype of the validation table, must add functionality



5	Admin is on pop-up form to add data validation	Admin selects a table to add data	Table selected is shown	No table is shown	Fail	Built the prototype of the validation table, must add functionality
6	Admin is on pop-up form to add data validation	Admin enters name of the data	Name of the data is shown	Name of data is not shown	Fail	Built the prototype of the validation table, have to add functionality
7	Admin is on pop-up form to add data validation	Admin clicks 'Add'	Data is added to the corresponding validation table	Unable to add to validation table	Fail	Built the prototype of the validation table, must add functionality

Project Name:	BioCat	Programmer:				
User Story:	Requestee to export list of selected slides	Tester:	Steven			
Test Objective(s):	Users has ability to export list of their selected slides	Test Case Author	Steven			
Test Date Created:		Test Date Completed:				
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments



1	Requestee is logged in and on main screen (category page)	User logs in through Temple sign on	Landing page for users is shown	Landing page is shown to user	Pass	The Login page has not been worked on yet
2	User can view the distinct categories	User selects a category	Redirects to correlating category	Not redirected when the category button is click	Fail	Still need to work on the navigation for the category and subcategory buttons
3	User can view the different subcategories	User selects a subcategory	Redirects to correlating subcategory	Not redirected when the subcategory button is click	Fail	Still need to work on the navigation for the category and subcategory buttons
4	User can view all the slides within the category and subcategories	User selects a slide	The selected slide will ask the quantity amount	Not redirected to the subcategory/category when the buttons are click	Fail	Still need to work on the navigation for the category and subcategory buttons



5	User sees pop up of quantity amount	User inputs quantity amount wanted for selected slide	The quantity amount is shown	Quantity amount is not shown	Fail	In progress working on the request page
6	Quantity Amount has been entered	User clicks 'Add'	The cart will be filled with that slide request	Nothing can be added to the cart	Fail	In progress working on the request page
7	Pop-up has disappeared and is back on screen	User clicks "Request" on request cart	User is redirected to the request page	Can not reach the request page to use the cart	Fail	In progress working on the request page
8	User able to export slides in request card	Clicks on "Export" button on the bottom of the request cart	A pdf downloads with the summary of all the slides they have in their request cart	Can not reach the cart page to download a PDF file of request	Fail	In progress working on the request page

Project Name: BioCat		Programmer: Scott				
User Story: Lab coordinator Cancel Slide Request, Cancel Request From, and Delete Slide Request		Tester: Scott				
Test Objective(s): Lab coordinator Cancel Slide Request, Cancel Request From, and Delete Slide Request		Test Case Author Scott				
Test Date Created: 2/3/2023		Test Date 2/10/2023				
		Completed: 2/10/2023				
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Cancel a slide request with 1 item in the cart	Lab coordinators click the cancel button with 1 slide in their cart	The order is cleared	Could not cancel order, currently no order page	Fail	Work still needs to be done to start/finish



						the order page
2	Cancel a slide request with 0 item in the cart	Lab coordinators click the cancel button with 0 slide in their cart	Lab coordinator is prompted to add a slide to their cart	Could not cancel order, currently no order page	Fail	Work still needs to be done to start/finish the order page
3	Checking the cancel button from the request form	Lab coordinator clicks the cancel button on the request form	Lab coordinator is brought to the main page	Could not cancel order, currently no order page	Fail	Work still needs to be done to start/finish the order page



BIOLOGY SLIDES

4	Delete 1 slide in the cart	Lab coordinators delete 1 slide from the cart	The 1 slide is deleted from the cart	Could not cancel order, currently no order page	Fail	Work still needs to be done to start/finish the order page
5	Delete 5 slide in the cart	Lab coordinators delete 5 slides in their cart	The 5 slides are deleted from the cart	Could not cancel order, currently no order page	Fail	Work still needs to be done to start/finish the order page

Project Name: BioCat		Programmer: Scott				
User Story: View Request		Tester: Scott				
Test Records		Test Case Author Scott				
Objective(s): Lab coordinator can view their request history		Test Date 2/10/2023				
Test Date Created: 2/3/2023		Completed: 2/10/2023				
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	1 request is completed	Lab Coordinator finishes making one request and clicks request history and the admin marks the request as complete	status of request is shown to be completed	Unable to make a request which means the request history cannot be viewed	Fail	Need to work on web services and the request form to be able to fully test the request history



2	1 request is in progress	Lab Coordinator finishes making one request and clicks request history	Show record of the one request and the status is in progress	Unable to make a request which means the request history cannot be viewed	Fail	Need to work on web services and the request form to be able to fully test the request history
3	checking summary of request	Lab Coordinator clicks the summary icon on a request they made	Shows the summary of the request	Unable to make a request which means the request history cannot be viewed	Fail	Need to work on web services and the request form to be able to fully test the request history
4	5 requests are made and are shown in order of when the request was made	Lab Coordinator submits 5 requests	Request in records is order by dates of when the request was made	Unable to make a request which means the request history cannot be viewed	Fail	Need to work on web services and the request form to be able to fully test the request history



5	Person name is shown on request record	Lab Coordinator input their name for the request being made	Their name is shown in the record page	Unable to make a request which means the request history cannot be viewed	Fail	Need to work on web services and the request form to be able to fully test the request history
6	Logout to see if record save upon logging back into the application	Lab coordinator logs out of the Biocat application, logs back in, and click request records	Should see their previous request	Unable to make a request which means the request history cannot be viewed	Fail	Need to work on web services and the request form to be able to fully test the request history

Project Name: BioCat User Story: Admin can upload a slide photo Test Objective(s): Admin can upload a photo to a microscope slide Test Date Created: 2/3/2023 Test Date Completed: 2/10/2023				Programmer: Think Tester: Think Phan Test Case Author		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Make sure photos are upload with the appropriate slides	Admin clicks the image file button and the upload a slide picture	admin can see their photo display	No image is displayed	Fail	The image upload feature is



						being work on
2	Photos are not too big or not too small	admin upload a photo that is too big or too small	admin is asked to upload a picture of a specify size	Not ask to upload a specify size	Fail	The image upload feature is being work on
3	No image is uploaded for a new slide	admin add new slide with no image attached to it	A no image grey box will be the image for the slide	No image of grey box appears	Fail	The image upload feature is being work on



Project Name: BioCat				Programmer: Think		
User Story: Filter search (5)				Tester: Think		
Test Objective(s): Filter the search				Test Case Author		
Test Date Created: 2/3/2023						
Test Date Completed: 2/10/2023						
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Search bar is used to find a slide	Lab coordinators click the search bar to find a slide	Able to type the slide they are looking for in the search bar	The slide from the database is displayed	Pass	
2	Type in the search bar something that does not exist in the current slide catalog	Lab coordinators click the search bar and type a search word that is not in the catalog	Displayed with a message that no slide was found	No record is found	Pass	



BIOLOGY SLIDES

Executed Test Plan 2

Project Name:	BioCat				Programmer:	Peter
User Story:	Lab coordinators can upload excel file to system and insert into database				Tester:	Steven
Test Objective(s):	Lab coordinators can upload excel file to system and insert into database				Test Case Aut	Steven
Test Date Created:	2/10/2023				Test Date Com	2/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	0 file are chosen	Click import without choosing a file	Prompted to upload atleast one excel file	Null exception is thrown in visual studio.	Fail	No prompted to upload a excel file, but a null exception is thrown
2	1 jpeg file chosen	Click choose file and try to upload a jpeg file	Open file explorer and only shows excel files	File Upload fail message shows up on the import page	Pass	
3	1 docx file is chose	Click choose file and try to upload a docx file	Open file explorer and only shows excel files	File Upload fail message shows up on the import page	Pass	
4	1 pdf file is chosen	Click choose file and try to upload a png file	Open file explorer and only shows excel files	File Upload fail message shows up on the import page	Pass	
5	1 png file is chosen	Click choose file and try to upload a png file	Open file explorer and only shows excel files	File Upload fail message shows up on the import page	Pass	
6	1 mp3 file is chosen	Click choose file and try to upload a mp3 file	Open file explorer and only shows excel files	Get an unhandled exception was generated during execution of the current web request sever error message.	Pass	Dose not show a file upload message instead brought to a sever error message, might need to address this problem
7	1 excel file is chosen	Click choose file and try to upload an excel file	The data from the excel file should be displayed in the database	Get a system.NullReferenceExc eption: 'Object reference not set to an instance of an object.' in visual studio in the Excel parser class in the public void dispose method	Fail	The import page still need to be work on to accpet excel files
8	3 excel file are chosen	Click choose file and try to upload 3 excel files	Only one file will be accepted to be imported	Get a system.NullReferenceExc eption: 'Object reference not set to an instance of an object.' in visual studio in the Excel parser class in the public void dispose method	Fail	The import page still need to be work on to accpet excel files



BIOLOGY SLIDES

Project Name:	BioCat	Programmer:	Cyrus
User Story:	Allow Admin/Lab managers to add new slides with a form containing, slide unique Id, name, category, subcategory, mount type, manufacturer, and manufacturer code	Tester:	Steven
Test Objective:	Seeing if Admin/Lab mangers can add new slides into the form page	Test Case:	Steven
Test Date Created:	2/10/2023	Test Date:	2/24/2023

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	The text boxes/dropdowns are empty on the add new slide page	No text boxes/dropdowns are filled in and then the add button is click	Prompted to fill in the mandatory text boxes/dropdowns	Prompted to enter the mandatory textboxes/dropdowns to create a new slide	Pass	
2	The text boxes are filled with numbers on the add a new slide page	All the text boxes are filled with numbers and then the add button is click	Prompted to input letters for the text boxes that do not take numbers	Not prompted to input letters for the text boxes that do not take numbers	Fail	These textboxes can have letter,s symbols, and numbers so this test is no longer relevant
3	The text boxes are filled with symbols on the add a new slide page	All the text boxes are filled with symbols and then the add button is click	Prompted to input letters for the text boxes that do not take numbers	Not prompted to input letters for the text boxes that do not take symbols	Fail	These textboxes can have letter,s symbols, and numbers so this test is no longer relevant
4	New slide is added with the correct type of data filled in each respective text boxes and all the dropdowns are filled in	The text boxes are filled with the correct data type with the dropdowns having atleast one item selected	The new slide should show up on the admin dashboard and the database	The new slide show up in the admin dashboard and in the database	Pass	
5	Image is not chosen on the add a new slide page	Image is not chosen and the add button is click	The new slide should show up on the admin dashboard and the database, but no image will be displayed when trying to check out this slide	Cannot upload an image	Fail	Did not implement adding an image when a users creates a slide because the dashboard dose not display images
6	Image size of 10MB or greater is chosen	Image size of 10MB or greater is chosen and then the add button is clicked	Prompted to chose a image less than 10MB	Cannot upload an image	Fail	Did not implement adding an image when a users creates a slide because the dashboard dose not display images
7	Image less than 10 MB is chosen	Image size of 10MB or less is click and then the add button is click	The image is accepted	Cannot upload an image	Fail	Did not implement adding an image when a users creates a slide because the dashboard dose not display images



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Allow the Admin/Lab managers to be able to view all slides stored in the database				Tester:	Scott
Test Objective:	Seeing if the Admin/Lab managers can view slides from the database on the Admin dashboard page in the application				Test Case:	Scott
Test Date Created:	2/10/2023				Test Date Completed:	2/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Can the Admin/Lab managers see the current slide catalog from the database	Gose to the admin dashboard page	Should see all the slides from the database being displayed on the admin dashboard page	All slides from the database are displayed on the	Pass	
2	Can the Admin/Lab managers see when a new slide is inserted	insert a new slide	should see new slide on the admin dashboard	When a new slide is created it is displayed on the admin dashboard	Pass	
3	Can the Admin/Lab managers see when a slide is deleted	deletes a slide	should see the slide remove from the admin dashboard page	When the delete button is click the slide is removed from the dashboard	Pass	
4	Can the Admin/Lab manager see when a slide is updated	updates a slide	Should see that the values of the slide is updated on the admin view page	When values are changed for a specific slide the change is displayed on the dashboard	Pass	



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Admin/Lab managers shall be able to edit any slide record in the database using the BioCat application				Tester:	Thinh
Test Objective:	Can the Admin/Lab managers edit slide records from the database in the BioCat application				Test Case:	Thinh
Test Date Created:	2/18/2023				Test Date Closed:	2/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Can exit the edit slide prompt	Click the edit icon and the click the cancel button	Should exit out of the edit prompt	Brought back to dashborad when the cancel button is click	Pass	The edit slide that have an ability to return to dashboard if changes are not necessary.
2	Edit existing slide and have incorrect data types for the respective values (i.e Slide Name Unquield, Manufacturer, Manufacturer code, Mount type, quantity , category, and sub category)	Clicks the edit icon, input incorrect data for the respective fields and clicks the submit button	Prompted to put in the correct data for the repective fields	Prompted to enter a number for the quantity text box	Pass	The other text boxes are either dropdowns or can take a variety of data types; no validation needed for those text boxes
3	Edit a slide that has been recently added to the admin dashboard	Finishes adding a new slide and then navigate to the admin dashboard page to locate the added slide and edit it	should be able to edit a new slide that has been added to the admin dashboard	Able to add a new slide that has been added to the dashboard	Pass	The dasboard would be able to edit and update an existing slides
4	Edit slide and make the Unquield identical to another slide currently in the admin dashboard	Click the edit icon and input the same unquield as another slide in the admin dashboard	Prompted to put another unquield in	No prompt is given to put in another unquield	Fail	The unquield field is a way to label each slide box that contain multiple slides in it. disregard this test because there are multiple slides with the same unquield in the excel sheet



BIOLOGY SLIDES

Project Name:	BioCat				Program	Scott
User Story:	Admin/Lab managers shall be able to import a new category/subcategory excel file on the import page				Tester:	Scott
Test Objective:	Validate the file being uploaded is only an excel file and that the category and subcategory data are correct				Test Ca	Scott
Test Date Crea	2/10/2023				Test Da	2/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Import with no file being chosen	Click the import button	Prompted to chose an excel file to be imported	Null exception is thrown in visual studio.	Fail	
2	Import with a jpeg	Chose a jpeg file and then click import	Prompted to chose a excel file to be imported	File Upload fail message shows up on the import page	Pass	
3	import with a png	Chose a png file and then click import	Prompted to chose a excel file to be imported	File Upload fail message shows up on the import page	Pass	
4	import PDF	Chose a PDF file and then click import	Prompted to chose a excel file to be imported	File Upload fail message shows up on the import page		
5	Import an excel sheet and choose incorrect values for subcategory and category fields based on the excel sheet	Chose an excel file and then put the incorrect subcategory/category values based on the excel sheet and then click import	Prompted to put the correct subcategory/category values based on the excel file to be imported	Get a system.NullReferenceException: 'Object reference not set to an instance of an object.' in visual studio in the Excel parser class in the public void dispose method	Fail	The Import page still need to be work on to accpet excel files
6	Import an excel sheet and choose correct values for the subcategory and category fields based on the excel sheet	Chose an excel file and then put the correct subcategory/category values based on the excel sheet and then click import	The subcategory/category with the slide vlaues shall be displayed on the admin dashboard	Get a system.NullReferenceException: 'Object reference not set to an instance of an object.' in visual studio in the Excel parser class in the public void dispose method	Fail	The Import page still need to be work on to accpet excel files
7	Import a excel file with the subcategory and category field being empty	Chose an excel file and then click import	Prompted to select a category and subcategory value	Get a system.NullReferenceException: 'Object reference not set to an instance of an object.' in visual studio in the Excel parser class in the public void dispose method	Fail	The Import page still need to be work on to accpet excel files



Executed Test Plan 3

Project Name:	BioCat	Programmer:	Cyrus
User Story:	Admin able to view validation tables	Tester:	Cyrus
Test Objective(s):	Admin is able to view category, subcategory, manufacturer and mount type validation tables	Test Case Author:	Cyrus
Test Date Created:	2/24/2023	Test Date Completed:	3/9/2023

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on the validation table page	Admin is logged in and navigates to the validation table page	Redirected to the validation table page	The admin is redirected to the admin page	Pass	
2	Able to scroll up and down on category validation table	Scroll through to see each category entity	Scroll through to see each category entity	Can see each category entity	Pass	
3	Able to scroll up and down on subcategory validation table	Scroll through to see each subcategory entity	Scroll through to see each subcategory entity	Can see each subcategory entity	Pass	
4	Able to scroll up and down on manufacturer validation table	Scroll through to see each manufacturer entity	Scroll through to see each manufacturer entity	Can see each manufacturer entity	Pass	
5	Able to scroll up and down on mount type validation table	Scroll through to see each mount type entity	Scroll through to see each mount type entity	No mount type is present on the page	Fail	
6	Able to pick category in dropdown list above the subcategory validation table	Pick a category from dropdown list	Able to pick category from dropdown list	Category from dropdown list can be picked	Pass	



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Scott
User Story:	Admin can activate /deactivate validation table entities				Tester:	Scott
Test Objective(s):	Admin will be able to enable or disable entities in the validation tables				Test Case Author:	Scott
Test Date Created:	2/24/2023				Test Date Completed:	3/9/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on the validation table page	Admin is logged in and navigates to the validation table	Admin is logged in and navigates to the validation table page	navigated to the validation page	Pass	
2	Admin choose the category validation table and activates an inactive entity	Admin clicks on 'inactive' on a category entity	Admin clicks on 'inactive' on the category entity	No inactive button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.
3	Admin chooses the category validation table and deactivate an active entity	Admin clicks on 'active' on a category entity	Admin clicks on 'active' on a category entity	No active button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.
4	Admin chooses the subcategory validation table and activates an inactive entity	Admin clicks on 'inactive' in a subcategory entity	Admin clicks on 'inactive' on the subcategory entity	No inactive button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.
5	Admin chooses the subcategory validation table and deactivates an active entity	Admin clicks on 'active' on a subcategory entity	Admin clicks on 'active' on a subcategory entity	No Active button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.
6	Admin chooses the manufacturer validation table and activates an inactive entity	Admin clicks on 'inactive' on a manufacturer entity	Admin clicks 'inactive' on a manufacturer entity	No inactive button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.
7	Admin chooses the manufacturer validation table and deactivates an active entity	Admin clicks on 'active' on manufacturer entity	Admin clicks on 'active' on a manufacturer entity	No active button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.
8	Admin chooses the mount type validation table and activates an inactive entity	Admin clicks on 'inactive' on a mount type entity	Admin clicks on 'inactive' on a mount type entity	No inactive button to click	Fail	There is only edit, delete, and create on this page disregard the following result
9	Admin chooses the mount type validation table and deactivates an active entity	Admin clicks on 'active' on a mount type entity	Admin clicks on 'active' on a mount type entity	No active button to click	Fail	There is only edit, delete, and create on this page, disregard the following test results.



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Add validation table entity				Tester:	Cyrus
Test Objective(s):	Admin able to add new entity in validation table				Test Case Author:	Cyrus
Test Date Created:	2/24/2023				Test Date Completed:	3/9/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on the validation page	Admin is logged in and navigates to the validation table page	Redirected to the validation table page	Redirected to the validation page	Pass	
2	Add form for category validation table entity appears	Admin clicks on add button for category validation table	Redirects to add form for validation table entity	Brought to add form	Pass	
3	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form	No error when filling out the add form	Pass	
4	Add form saves the new entity in category validation table	Admin fills out add form and clicks the save button	New entity shows up in the category validation table	New entity show up in the category validation table	Pass	
5	New entity appears in the category validation table	Admin scrolls and sees the new entity in the category validation table	New entity shows up in the validation table	New entity appears in the category validation table	Pass	
6	Add form for subcategory validation entity appears	Admin clicks on add button for subcategory validation table	Redirects to add form for validation table entity	Redirected to the add form for subcategories	Pass	
7	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form	No errors are displayed when filling out the form with the right value	Pass	ID number correspond with the category type for the subcategory (i.e plants, fungi, Geology etc.)
8	Add form saves the new entity in subcategory validation table	Admin fills out add form and clicks the save button	New entity shows up in the subcategory validation table	The subcategory is displayed once the save button is clicked	Pass	
9	New entity appears in the subcategory validation table	Admin scrolls and see the new entity in the subcategory validation table	New entity shows up in the validation table	The new entity is shown on the subcategories validation table	Pass	
10	Add form for manufacturer validation table entity	Admin clicks on add button for manufacturer validation table	Redirects to add form for validation table entity	Redirected to the manufacturer table	Pass	
11	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form	No errors is displayed when filling out the form	Pass	
12	Add form saves the new entity in manufacturer validation table	Admin fills out add form and clicks the save button	New entity shows up in the manufacturer validation table	New entity shows up in the manufacturer validation table	Pass	
13	New entity appears in the manufacturer validation table	Admin scrolls and sees the new entity in the manufacturer validation table	New entity shows up in the validation table	New entity shows up in the validation table	Pass	
14	Add form for mount type validation table entity appears	Admin clicks on add button for mount type validation table	Redirects to add form for validation table entity	No mount type button is displayed	Fail	
15	Admin able to fill out add form	Admin fills out add form	No errors while filling out add form	No mount type table to go to	Fail	
16	Add form saves the new entity in mount type validation table	Admin fills out add form and clicks the save button	New entity shows up in the mount type validation table	There is no mount type option to go to	Fail	
17	New entity appears in the mount type validation table	Admin scrolls and sees the new entity in the mount type validation table	New entity shows up in the validation table	No mount type option to go to	Fail	



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Peter
User Story:	Users views slides				Tester:	Peter
Test Objective(s):	User can look through the catalogue and view slides				Test Case Author:	Peter
Test Date Created:	2/24/2023				Test Date Completed:	
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is landed on home page	User Log in	Directed to home page(category view page)	Brought to category page	Pass	
2	Users lands to list of subcategory page	User selects a category	Directed to the correlating subcategory page of the selected category	Brought to the category validation display page	Pass	
3	User is on list of the slides	User selects a subcategory	Redirected to the all of the correlating category and subcategory slides	Brought to the subcategory display page	Pass	



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Thin
User Story:	Admin can add image to slides				Tester:	Thin
Test Objective(s):	To see if Admin can add an image to the slide page				Test Case Author:	Thin
Test Date Created:	2/24/2023				Test Date Completed:	3/9/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page and can see all slides	Admin logs in	Directed to home page		Fail	No login page yet in the application
2	Admin is on edit slide page	Admin chooses a slide and clicks "edit"	Redirected to edit slide page	Directed to the edit slide page	Pass	
3	image is uploaded to the slide	Admin uploads image	image is seen on the edit page	get an error message "cannot convert lambda expression to type 'String' because it is not a delegate type"	Pass	



Executed Test Plan 4

Project Name:	BioCat				Programmer:	Cyrus
User Story:	Admin able to track who has admin access				Tester:	Cyrus
Test Objective(s):	Admin able to view admin table				Test Case	
Test Date Created:	3/10/2023				Test Date Completed:	3/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on admin table page	Admin is logged in and navigates to the admin table page	Redirected to the Admin table page	Not able to log in as an admin	Fail	We still have to implement admin log in privileges
2	Admin is able to view all users who has admin access	Admin is able to scroll to view users who has admin	Admin scrolling on admin table page	Admin can view users who has admin access	Pass	



BIOLOGY SLIDES

Project Name:	BioCat	Programmer:	Peter
User Story:	Admin able to add, delete, update functionality in the admin table	Tester:	Peter
Test Objective(s):	Admin table functionality works	Test Case	
Test Date Created:	3/10/2023	Test Date Completed:	3/24/2023

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on admin table page	Admin is logged in and navigates to the admin table page	Redirected to the Admin table page	Admin is redirected to the admin table page	Pass	
2	Admin is able to view all users who has admin access	Admin is able to scroll to view users who has admin	Admin scrolling on admin table page	Admin is able to view the role of the users	Pass	
3	Admin able to create/give admin access to user	Admin clicks on the create/give admin access button for user	Desired user now has admin access	No admin role is given when the admin access button is click	Fail	Still have to work on the functionality for the admin access button
4	Admin able to edit user in admin table	Admin clicks on edit for the user	Admin edits user information	The resource cannot be found error is thrown when the edit button is	Fail	The edit button functionality still has to be work on
5	Admin able to delete user	Admin clicks on the delete button for user	User deleted from admin table/database	The resource cannot be found error is thrown when the delete button is clicked	Fail	The delete button functionality has to be work on



BIOLOGY SLIDES

Project Name:	BioCat				Programmer:	Steven
User Story:	User able to add slides to slide cart				Tester:	Steven
Test Objective(s):	Slides can be added into slide cart				Test Case	
Test Date Created:	3/10/2023				Test Date Completed:	3/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on catalouge page	User is logged in and navigates to the catalouge page	Redirected to the catalouge page	Redirected to the catalog page	Pass	
2	User is able to pick the category they want to view	User clicks on category they want to view	User is presented with the subcategories of the category they have chosen	User is presented with the subcategories of the category they have chosen	Pass	
3	User is able to pick the subcategory they want to view	User clicks on subcategory they want to view	User is presented all the slides under the subcategory	User is presented with all the slides under the subcategory	Pass	
4	User is able to add slide they want to request in the request cart	User clicks the add button on the slide they want	The slide appears in the request cart	slide dose not show up in request cart	Fail	The request cart still needs to be work on



BIOLOGY SLIDES

Project Name:	BioCat	Programmer:	Scott
User Story:	User able to fill out request form	Tester:	Scott
Test Objective(s):	Request form works	Test Case	
Test Date Created:	3/10/2023	Test Date Completed:	3/24/2023

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on catalouge page	User is logged in and navigates to the catalouge page	Redirected to the catalouge page	Redirected to the catalog page	Pass	
2	User is able to pick the category they want to view	User clicks on category they want to view	User is presented with the subcategories of the category they have chosen	Users is presented with the subcategories of the category they have chosen	Pass	
3	User is able to pick the subcategory they want to view	User clicks on subcategory they want to view	User is presented all the slides under the subcategory	User is presented with all the slides under the subcategory	Pass	
4	User is able to add slide they want to request in the request cart	User clicks the add button on the slide they want	The slide appears in the request cart	Slides dose not show up in the request cart	Fail	Request cart functionality still has to be work on
5	User is on request form page	User clicks on the request button on the bottom of the request cart	Redirected to the request form page	User is redirected to the request form page	Pass	
6	User is able to fill our information in request form	User fills out information on request form	No errors presented when request form if filled out	No errors is presented when the request form is filled out	Pass	



Project Name:	BioCat				Programmer:	Peter
User Story:	User are able to logout				Tester:	Peter
Test Objective(s):	Logout is functional				Test Case	
Test Date Created:	3/10/2023				Test Date Completed:	3/24/2023
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is logged in	User logs in	Redirected to the landing page	User is redirected to the log in page	Pass	
2	User is able to logout	User clicks logout button	User is logout	User is log out	Pass	



Executed Test Plan 5

Project Name:	BioCat	Programmer:	Cyrus
User Story:	Admin to view past request records	Tester:	Cyrus
Test Objective(s):	Admin will be able to view all records of requests	Test Case Author:	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on landing page	Admin logs into system	Admin is on landing page	Admin is brought to the landing page upon logging in	Pass	
2	Admin is on Request Records page	Admin navigates to Request Records	Redirected to Request Record Page	No request record page for the admin to go navigate to	Fail	We are currently decided weather or not to include a request record page
3	Admin views details of the requests	Admin clicks on "view detail"	Modal of detailed request appears	No view detail for request record is shown to the admin	Fail	We are currently decided whether or not to include a request record page

Project Name:	BioCat	Programmer:	Peter
User Story:	Email is sent to the administrative team when a request is made	Tester:	Peter



Executed Test Plan 5

Test Objective(s): Sending an email once request is made by a user
 Test Date
 Created: 3/24/23
 Test Case Author
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	User is on home page	User logs into system	User is directed to the home page	User directed to home page	Pass	
2	User lands to list of subcategory	User chooses a category of slides	User is redirected to the subcategory view	User is redirected to the subcategory view	Pass	
3	User lands to list of slides	User chooses a subcategory	User is redirected to slide view	User is redirected to the slide view	Pass	
4	User has slides in their cart	User chooses slides to add	Slides selected will be displayed on the cart	Slide selected is displayed on the cart	Pass	
5	User submits request	User submits request by clicking on "request" button	Pop up of "request sent" is displayed	The request page show up on click when the user has at least one slide in their cart	Pass	
6	Admin receives email of request	User submitted request	Admin receives email of the request	No email is sent to the admin	Fail	Sill working on the functionality receiving

Project Name: BioCat
 Programmer: Peter



Executed Test Plan 5

User Story: System automatically sends an email to the requestee about slides ready for pickup
 Test
 Objective(s): Testing the email automation for slide pickup
 Test Date
 Created: 3/24/23

Tester: Peter
 Test Case Author
 Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page	Admin is directed to the home page	Pass	
2	Admin is on request page	Admin navigates to requests	Admin is redirected to the Request Page	No request page on the admin side is displayed	Fail	Still in discussion regarding the development of this page
3	Admin completes a request	Admin clicks on a request and finalizes the request	Pop-up saying that the request is ready for pick up and an email is sent	No request page and request button are shown on the admin side	Fail	Still in discussion regarding the development of this page
4	Admin completes a request	Admin clicks on a request and finalizes the request	Email is sent to the requestee	No request button is shown for the admin to email a recipient the status of their request	Fail	Still in discussion regarding the development of this page



Project Name: BioCat				Programmer: Peter & Scott		
User Story: Admin can change the template of emails being sent				Tester: Scott		
Test Objective(s): Testing the email template				Test Case Author		
Test Date Created: 3/24/23				Test Date Completed:		
Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page	Admin is directed to the home page upon logging in	Pass	
2	Admin is on email template settings	Admin navigates to the settings page	Admin is redirected to the settings page	There is no email template for the admin to be directed towards	Fail	Email features and functionality are still being work on
3	Admin can add a template	Admin clicks on "+" to add a template	Admin is on "creating an email template" view	Admin cannot create an email template	Fail	Email features and functionality are still being work on



Executed Test Plan 5

4	Admin chooses what templates are being used	Admin selects the template for emails being automated for user and admin side	Check mark will appear indicating current template in use for admin and users	There is no email template for the admin to use	Fail	Email features and functionality are still being work on
---	---	---	---	---	------	--

Project Name:	BioCat	Programmer:	Steven
User Story:	Slides being paired with their respected pictures	Tester:	Steven
Test Objective(s):	Mapping images to correct slides	Test Case Author:	
Test Date Created:	3/24/23	Test Date Completed:	

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to home page	Admin is directed to the home page	Pass	
2	Excel sheet uploaded	Admin uploads desired excel sheet of slides	Enters database	Excel sheet is uploaded	Pass	



Executed Test Plan 5

3	Image shows up with its slide	Automatic pairing of slides and their pictures	The slide's image appears with the slide	Image show to the corresponding slides	Pass	
---	-------------------------------	--	--	--	------	--

Project Name: BioCat	Programmer: Think
User Story: Admin can edit/add images to slides	Tester: Think
Test Objective(s): Testing the ability to add an image to existing slides	Test Case Author
Test Date Created: 3/24/23	Test Date Completed:

Item No.	Test Condition	Action/Input	Expected Results	Actual Results	Pass/Fail	Comments
1	Admin is on home page	Admin logs into system	Admin is directed to the home page	The admin is directed to the home page	Pass	
2	Admin can view all slides	Admin navigates to Slides list view	Admin is on Slides page	Admin is brought to the slide page	Pass	
3	Admin can edit slide	Admin clicks on "Edit" button on a slide	Admin is on edit slide page	Admin can edit the chosen slide	Pass	
4	Admin uploads image	Admin clicks on "upload" for Image	Redirected to their files to upload image	Image is uploaded	Pass	Image is uploaded if it is the correct path
5	Admin uploads image	Admin selects file to upload for slide image	Image and image path is seen on the page	Image and image path is seen on the page	Pass	



User Manual



BIOCAT SYSTEM USER MANUAL

April 10, 2023

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1 - INTRODUCTION

1.1 – OVERVIEW

The Department of Biology in the College of Science and Technology has more than 50,000 slides used for educational purposes. For students to complete laboratory work, instructors need a set of specific slides for the class. Lab coordinators and faculty request slides in person; The lab managers oversee the request process.

Current System

The current system uses a SharePoint called BioBase Project, with category folders (i.e., Invertebrates, Plants, Protist, and Vertebrates). In these folders, there are Excel sheets with a list of species that fit a specific category folder based on scientific terminology. When the Excel sheets are open, the (ID, Slide Name, Type of Mount, Manufacturer, Mnfr Slide Identifier, Condition, and Keywords). There are multiple tabs with the body parts of that species, and each tab displays the quantity of the microscopic slide for the given body part; lab manager stores the slides in boxes.

The picture below shows the Earth Worm Anterior, which falls under Invertebrates, and the species Annelida.

ID	ID2	Slide Name	Type of mount	Manufacturer	Mnfr Slide Identifier	Condition	Keywords
EaaenmTI	001	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	eukaryota / animalia / annelida / earthworm / lur
EaaenmTI	002	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	003	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	004	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	005	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	006	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	007	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	008	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	009	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	010	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	011	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	012	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	013	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	014	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	015	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	016	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	017	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	018	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	019	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	020	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	
EaaenmTI	021	Earthworm anterior end near median sagittal section	long section	Triarch Inc	ZH 1-141	Good	

Figure 1 Hydra Ingested Food Slides



System Goals

The goal of the bio cat catalog system will be to provide lab coordinators and faculty with an efficient way to request slides. Another goal of the new catalog system is to allow lab managers to view the Excel sheet containing slide information from the BioBase Project SharePoint in a data table on the bio cat catalog system. The lab managers shall be able to add a new slide, edit slide information, import species/organisms' microscopic slide information using an Excel file, and remove a chosen microscopic slide from the catalog system. The lab managers shall also be able to validate the fields category, subcategory (species that fall in a group of the given category type), and manufacturer distributing the slides. Adding validation functionality to the catalog system shall allow the lab managers a more accessible way to create new fields without making an entirely new Excel file.

2.1 – LOGIN

The Administrator and the user can log into the system using their “Temple University AccessNet username and Password.”

1. Open the link <https://np-stem.temple.edu/> (you must be connected to the Temple University Wi-Fi to access the site)
2. Click “Team4: Biology Slide Inventory System”

Figure 2 np.temple.edu website

The screenshot shows the header of the np.temple.edu website. On the left is the Temple University logo (a red square with a white 'T'). To its right, the text 'Information Technology Services' is displayed in white. In the top right corner, 'TUportal' is visible. Below the header, there is a welcome message: 'Welcome to the STEM Server Home Page. Listed below is information regarding the various STEM projects that are being developed throughout the current semester. Please refer any related questions to stemserv@temple.edu'. Below this is another message: 'An updated version of the project requirements and check-list can be viewed [here](#) To view a team project, click on the appropriate semester tab then team.' The main content area is a dark grey sidebar with a list of navigation items, each with a right-pointing chevron. The items are: 'Spring 2023', 'Team 1: Pre-Professional Health', 'Team 2: Resnick Center - Student Athlete Alumni System', 'Team 3: TUIP Tracking', 'Team 4: Biology Slide Inventory System', 'Team 6: Business Continuity Planning & Inventory', 'Team 7: Crit Moves - Conversation Tool', 'Team 8: SBDC - Training Tracking', 'Fall 2022', 'Spring 2022', and 'Fall 2020'.

3. Put in your Accessnet Username, Accessnet Password, and then click the "login" button.

Figure 3 Using Temple Login

Temple University

Login with your AccessNet Username and Password:

Username

tuk61723

Password

.....

LOGIN

[Login Help](#)

System Status | TUhelp

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4. Choose a multi factor authentication method to login.

Figure 4 Built In MFA



Multi-Factor Authentication

Confirm Your Identity

This application requires multi-factor authentication. Our system can call or text you, or if you have the Duo Mobile app installed, send you a passcode or approval screen

[Getting an Access Denied / System Administrator message?](#)

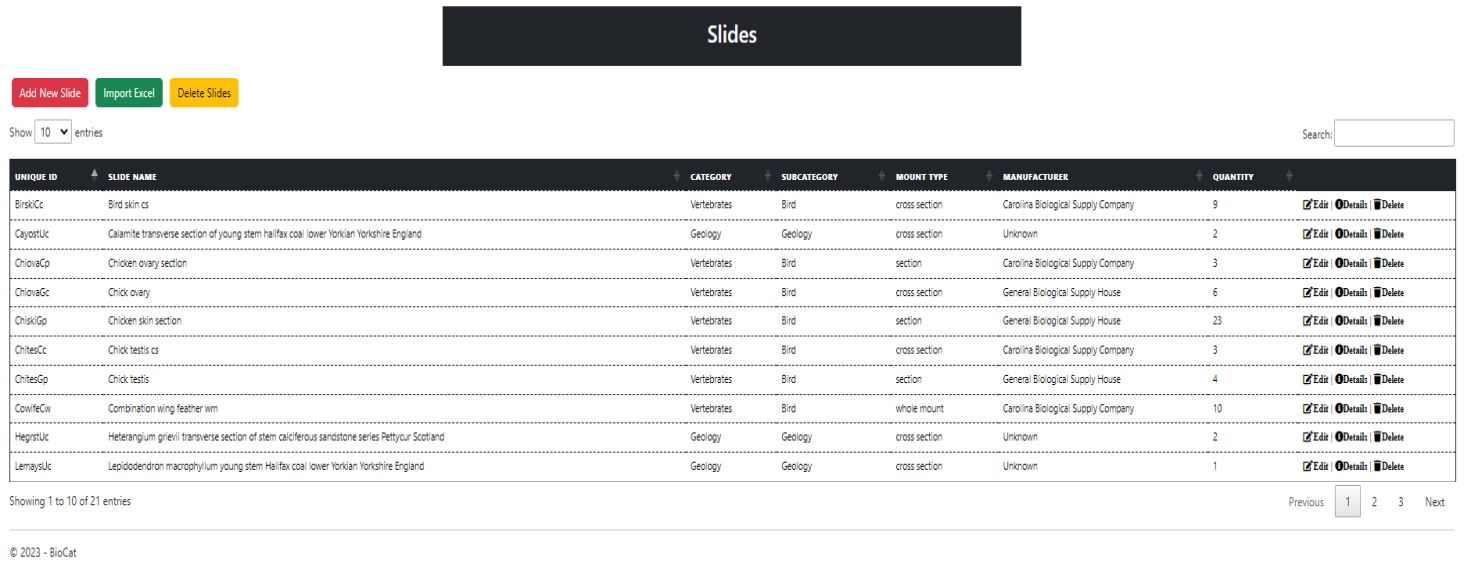
The screenshot shows the MFA interface for Temple University. On the left is a large red Temple University logo. Below it are links for 'What is this?' and 'Need help?'. Below those links is the text 'Secured by Duo'. On the right side, there is a 'Device:' dropdown menu showing 'iOS (XXX-XXX-9146)'. Below that is the heading 'Choose an authentication method'. There are three options, each with a green button: 'Duo Push RECOMMENDED' with a 'Send Me a Push' button, 'Call Me' with a 'Call Me' button, and 'Passcode' with an 'Enter a Passcode' button. At the bottom, there is a checked checkbox for 'Remember me for 14 days'.

System Status | TUhelp

2.2 – SLIDE PAGE

The admin goes onto the home page upon logging in; the home Page displays all the slides from the Bio Project SharePoint. The admin can log out by clicking the “Logout “ on top right hand corner.

Figure 5 Admin Home Page displaying all the slides from the Bio Project SharePoint

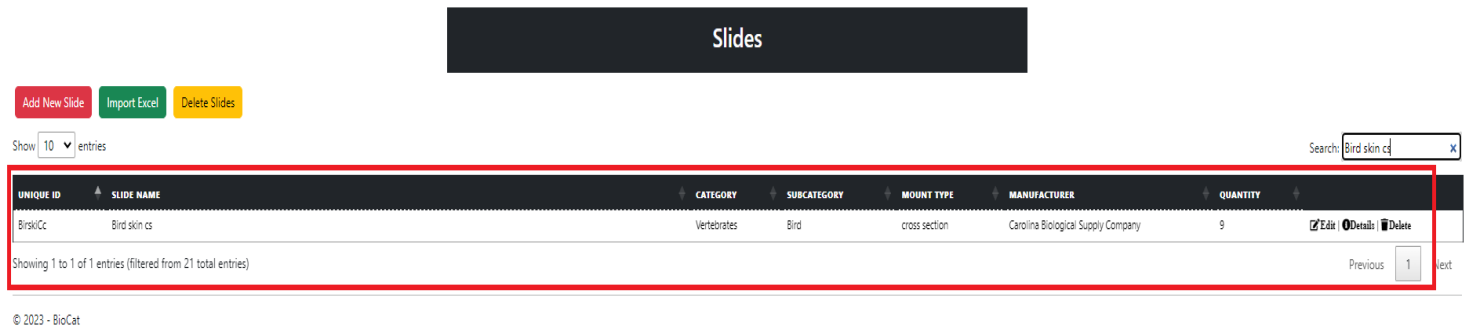


UNIQUE ID	SLIDE NAME	CATEGORY	SUB-CATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
BirskiCc	Bird skin cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	9	Edit Details Delete
CayostUc	Calamite transverse section of young stem Halifax coal lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	2	Edit Details Delete
ChiovaCp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3	Edit Details Delete
ChiovaGc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	6	Edit Details Delete
ChioviGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23	Edit Details Delete
ChitesCc	Chick testis cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3	Edit Details Delete
ChitesGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4	Edit Details Delete
CowifeCw	Combination wing feather wm	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10	Edit Details Delete
HegristUc	Heterangium grevillei transverse section of stem calciferous sandstone series Pettycur Scotland	Geology	Geology	cross section	Unknown	2	Edit Details Delete
LemaysUc	Lepidodendron macrophyllum young stem Halifax coal lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	1	Edit Details Delete

2.3 SEARCH FOR SLIDE

1. Type in the “Search Bar” the slide you are looking for to filter the table (Figure 6 shows the results).

Figure 6 Search For Bird Skin



UNIQUE ID	SLIDE NAME	CATEGORY	SUB-CATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
BirskiCc	Bird skin cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	9	Edit Details Delete

2.4 EDIT SLIDE

1. Click the “Edit” link to edit the chosen slide.

Figure 7 Bird Skin Chosen

Slides

Add New Slide
Import Excel
Delete Slides

Show entries Search:

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
BirskCc	Bird skin cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	9	Edit Details Delete
CayostUc	Calamite transverse section of young stem halifax coal lower Yonkian Yorkshire England	Geology	Geology	cross section	Unknown	2	Edit Details Delete
ChovaeCb	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3	Edit Details Delete
ChovaeCc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	6	Edit Details Delete
ChiskiGg	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23	Edit Details Delete
ChitesCc	Chick testis cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3	Edit Details Delete
ChitesGg	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4	Edit Details Delete
CowfeCw	Combination wing feather wm	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10	Edit Details Delete
HegrstUc	Heterangium grievii transverse section of stem calciferous sandstone series Pettycur Scotland	Geology	Geology	cross section	Unknown	2	Edit Details Delete
LemaysUc	Lepidodendron macrophyllum young stem Halifax coal lower Yonkian Yorkshire England	Geology	Geology	cross section	Unknown	1	Edit Details Delete

Showing 1 to 10 of 21 entries Previous Next

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- Fill out the required field on the “Edit Page” (Category, Subcategory, and Manufacturer are filled in by default). Image is not required to update a slide (the image can be a PNG and or a JPEG).

Figure 8 Empty Edit Page

Edit - Slide #14

[Back to List](#)

Fill out the form to modify the current slide and to update the image, upload new image to update image path.

Slide

Unique Id

Enter Unique ID

Category

Manufacturer

Mount Type

Please enter a mount type

Image Upload No file chosen

Slide Name

Enter Slide Name

Subcategory

Man. Code

Quantity

Please enter a Quantity

Image Path

Update


3. Modify the slide information as you see fit, then click the “Update” button.

Figure 9 Unedited Slide.

Edit - Slide #14

[Back to List](#)

Fill out the form to modify the current slide and to update the image, upload new image to update image path.

Slide	
Unique Id <input type="text" value="BirskiCc"/>	Slide Name <input type="text" value="Bird Skin Cs"/>
Category <input type="text" value="Prokaryotes"/>	Subcategory <input type="text" value="Prokaryotes"/>
Manufacturer <input type="text" value="Connecticut Valley"/>	Man. Code <input type="text" value="Z 4950 / 31-4498"/>
Mount Type <input type="text" value="Cross Section"/>	Quantity <input type="text" value="9"/>
Image Upload <input type="button" value="Choose File"/> <input type="text" value="No file chosen"/>	Image Path <input type="text" value="UploadedFiles/Photos/birdskinpicture.jpg"/>
	
<input type="button" value="Update"/>	

4. You can upload an image if you would like by clicking the “Choose File” button and then picking a picture to be displayed for the slide.

Figure 10 Moss Picture

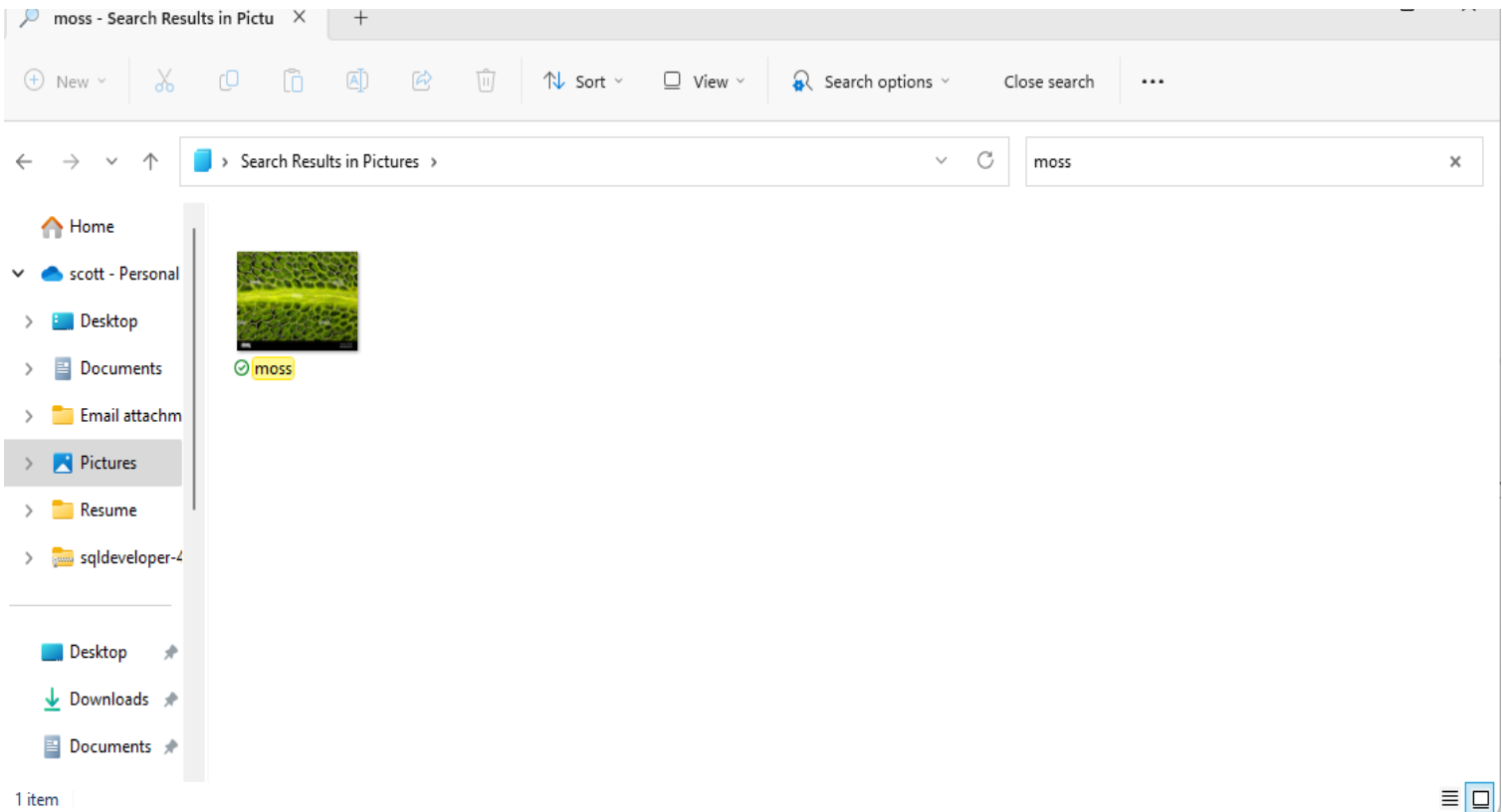


Figure 11 Slide with new information.

Edit - Slide #14

[Back to List](#)
Fill out the form to modify the current slide and to update the image, upload new image to update image path.

Slide	
Unique Id <input type="text" value="Green Moss Smooth"/>	Slide Name <input type="text" value="Green Moss"/>
Category <input type="text" value="Plants"/>	Subcategory <input type="text" value="Mosses"/>
Manufacturer <input type="text" value="Foss Microscope Slides"/>	Man. Code <input type="text" value="P90"/>
Mount Type <input type="text" value="Whole Mount"/>	Quantity <input type="text" value="1"/>
Image Upload <input type="text" value="Choose File moss.jpg"/>	Image Path <input type="text" value=""/>
<input type="button" value="Update"/>	

Figure 12 Slide updated.

Slides

Add New Slide Import Excel Delete Slides

Show entries Search:

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
Green Moss SmooTh	Green Moss	Plants	Mosses	Whole Mount	Foss Microscope Slides	1	Edit Details Delete

Showing 1 to 1 of 1 entries (filtered from 21 total entries) Previous Next

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5. Click the “Edit” link to see the modified slide displayed and or to “Update” the chosen slide.


Figure 13 Slide with modifications.

Edit - Slide #14

[Back to List](#)

Fill out the form to modify the current slide and to update the image, upload new image to update image path.

Slide

Unique Id	Slide Name
<input type="text" value="Green Moss SmooTh"/>	<input type="text" value="Green Moss"/>
Category	Subcategory
<input type="text" value="Plants"/>	<input type="text" value="Mosses"/>
Manufacturer	Man. Code
<input type="text" value="Foss Microscope Slides"/>	<input type="text" value="F90"/>
Mount Type	Quantity
<input type="text" value="Whole Mount"/>	<input type="text" value="1"/>
Image Upload	Image Path
<input type="button" value="Choose File"/> No file chosen	<input type="text" value="UploadedFiles/Photos/moss.jpg"/>
	
	<input type="button" value="Update"/>

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2.5 SLIDE DETAILS

1. Click the “Detail” link to see the chosen slide information.

Figure 14 Green moss selected.

Slides

Add New Slide
Import Excel
Delete Slides

Show entries Search:

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
CajostUc	Calamite transverse section of young stem Halifax coal/lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	2	Edit Details
ChiovaCp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3	Edit Details
ChiovaGc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	6	Edit Details
ChiaaGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23	Edit Details
ChiteaGc	Chick testis cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3	Edit Details
ChiteaGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4	Edit Details
CovifeCw	Combination wing feather wim	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10	Edit Details
Green Moss SimooTh	Green Moss	Plants	Mosses	Whole Mount	Foss Microscope Slides	1	Edit Details
HegrstUc	Heterangium griavill transverse section of stem calciferous sandstone series Pettycur Scotland	Geology	Geology	cross section	Unknown	2	Edit Details
LemaysUc	Lepidodendron macrophyllum young stem Halifax coal/lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	1	Edit Details

Showing 1 to 10 of 21 entries Previous

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3 Click the “Edit” link to edit the slide or click the “Back To List” link to return to the slide page.

Figure 15 Moss detail.

Details


[Edit](#) | [Back to List](#)

This page you can check out the detail of the chosen slide (i.e Unique Id, Slide Name, Category/Subcategory, Manufacturer, Manufacturer Code, Mount Type, Quantity, and the image of the slide)

Slide #14

<p>Unique Id <input type="text" value="Green Moss SmooTh"/></p> <p>Category <input type="text" value="Plants"/></p> <p>Manufacturer <input type="text" value="Foss Microscope Slides"/></p> <p>Mount Type <input type="text" value="Whole Mount"/></p>	<p>Slide Name <input type="text" value="Green Moss"/></p> <p>Subcategory <input type="text" value="Mosses"/></p> <p>Man. Code <input type="text" value="F90"/></p> <p>Quantity <input type="text" value="1"/></p>
--	---

Image Path



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2.6 DELETE SLIDE

1. Click the “Delete” link to be redirected to the delete slide page.

Figure 16 Moss slide will be deleted.

Slides

Add New Slide
Import Excel
Delete Slides

Show entries

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
CajorttC	Calamita transversa section of young stem Halifax coal lower Yorkshire England	Geology	Geology	cross section	Unknown	2	Edit Details Delete
ChiovaCp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3	Edit Details Delete
ChiovaCc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	6	Edit Details Delete
ChioaGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23	Edit Details Delete
ChioaCc	Chick testis ct	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3	Edit Details Delete
ChioaGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4	Edit Details Delete
CouifeCw	Combination wing feather im	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10	Edit Details Delete
Green Moss SmooTh	Green Moss	Plants	Mosses	Whole Mount	Foss Microscope Slides	1	Edit Details Delete
HegrttC	Heterangium grevillei transverse section of stem calciferous sandstone series Pettipiece Scotland	Geology	Geology	cross section	Unknown	2	Edit Details Delete
LamajstC	Lepidodendron macrophyllum young stem Halifax coal lower Yorkshire England	Geology	Geology	cross section	Unknown	1	Edit Details Delete

Showing 1 to 10 of 21 entries

Previous 1 2 3 Next

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Figure 17 Delete slide page.

Delete

Are you sure you want to delete Green Moss from the catalogue?

Slide

Unique Id

Green Moss SmooTh

Slide Name

Green Moss

Category

Plants

Subcategory

Mosses

Mount Type

Whole Mount

Manufacturer

Foss Microscope Slides

Man. Code

F90

Quantity

1

[Delete](#) | [Back to List](#)

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2. Click the “Delete” button to remove the slide from the slide page (if you do not wish to delete the slide click the “Back To List” link to be taken back to the “Slides” page).

Figure 18 The slide Moss is deleted from the record.

The screenshot shows the 'Slides' management page. At the top, there are three buttons: 'Add New Slide' (red), 'Import Excel' (green), and 'Delete Slides' (yellow). Below these is a search bar with 'Moss' entered. A table with columns for 'UNIQUE ID', 'SLIDE NAME', 'CATEGORY', 'SUBCATEGORY', 'MOUNT TYPE', 'MANUFACTURER', and 'QUANTITY' is shown. The table is empty, with the text 'No matching records found' centered below it. At the bottom left, it says 'Showing 0 to 0 of 0 entries (filtered from 20 total entries)'. At the bottom right, there are 'Previous' and 'Next' navigation links. The footer shows '© 2023 - BioCat'.

2.7 ADD NEW SLIDE

1. Click the “Add New Slide” button to be redirected to the create page.

Figure 19 Add New Slide Button.

Slides

Show 10 entries

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY
CayzstUc	Calamite transverse section of young stem halifax coal lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	2
ChowkGp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3
ChowkGc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	8
ChikskGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23
ChikstCz	Chick testis ct	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3
ChowkGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4
CowifeCu	Combination wing feather im	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10
HegastUc	Heterangium grisei transverse section of stem calciferous sandstone series Pettycu Scotland	Geology	Geology	cross section	Unknown	2
LamagUc	Lapidodendron macrophyllum young stem Halifax coal lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	1
LepiarUc	Lepidophloeus lanicinus Halifax coal lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	1

Showing 1 to 10 of 20 entries

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- Fill out the required fields (i.e. Unique ID, Slide Name, Mount Type, and Quantity). Category, Subcategory, and Manufacturer are filled in by default. You do not need to upload an image to create a slide; only JPEG and PNG are allowed when choosing an image.

Figure 20 Missing required fields.

Add - New Slide

[Back to List](#)

Instructions

- Fill out the the create slide form
- Choose a slide image to upload
- Click the create button when the slide form is completed

Slide

<p>*Unique Id <input type="text"/></p> <p>Enter Unique ID</p> <p>*Category <input type="text" value="Prokaryotes"/></p> <p>*Manufacturer <input type="text" value="Army Medical School"/></p> <p>*Mount Type <input type="text"/></p> <p>Please enter a mount type</p> <p>Image Upload <input type="text" value="Choose File No file chosen"/></p>	<p>*Slide Name <input type="text"/></p> <p>Enter Slide Name</p> <p>*Subcategory <input type="text" value="Prokaryotes"/></p> <p>Man. Code <input type="text"/></p> <p>*Quantity <input type="text"/></p> <p>Please enter a Quantity</p>
--	---

Add

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Figure 21 Required fields.

3. Click the “Add” button on the bottom right-hand side.

Figure 22 Add slide form filled out for the slide Foliose lichen thallus rhizines.

Add - New Slide

[Back to List](#)

Instructions

1. Fill out the create slide form
2. Chose a slide image to upload
3. Click the create button when the slide form is completed

Slide

*Unique Id

DeaoTree

*Category

Fungi-Lichens

*Manufacturer

Army Medical School

*Mount Type

Cross Section

Image Upload

Choose File fungi.jpg

*Slide Name

Foliose lichen thallus rhizines

*Subcategory

Fungi-Lichens

Man. Code

S48

*Quantity

5

Figure 23 Foliose lichen thallus rhizines added to the slide table.

Slides

Add New Slide
Import Excel
Delete Slides

Show entries

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
Dead7Ee	Foliose Lichen Thallus Rhizines	Fungi-Lichens	Fungi-Lichens	Cross Section	Army Medical School	5	Edit Details Delete

Showing 1 to 1 of 1 entries (filtered from 21 total entries)

Previous Next

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- To learn more about editing, seeing detail, and or deleting a microscopic slide (refer to table content).

Figure 24 Created slide info.

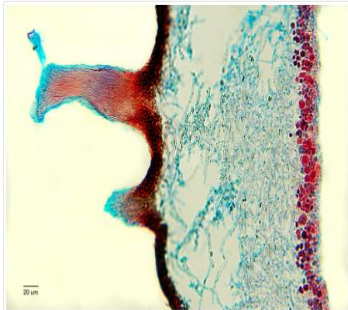
Details

[Edit](#) | [Back to List](#)

This page you can check out the detail of the chosen slide (ie Unique Id, Slide Name, Category/Subcategory, Manufacturer, Manufacturer Code, Mount Type, Quantity, and the image of the slide.)

Slide #22

<p>Unique Id</p> <input style="width: 95%;" type="text" value="Dead7Ee"/> <p>Category</p> <input style="width: 95%;" type="text" value="Fungi-Lichens"/> <p>Manufacturer</p> <input style="width: 95%;" type="text" value="Army Medical School"/> <p>Mount Type</p> <input style="width: 95%;" type="text" value="Cross Section"/>	<p>Slide Name</p> <input style="width: 95%;" type="text" value="Foliose Lichen Thallus Rhizines"/> <p>Subcategory</p> <input style="width: 95%;" type="text" value="Fungi-Lichens"/> <p>Man. Code</p> <input style="width: 95%;" type="text" value="S48"/> <p>Quantity</p> <input style="width: 95%;" type="text" value="5"/> <p>Image Path</p> <input style="width: 95%;" type="text" value="UploadedFiles/Photos/fung.jpg"/>
---	---



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2.7 IMPORT FILES

1. Go to the slide page.
2. Click the “Import Excel” button to be redirected to the import page.

Figure 25 Import Excel button.

The screenshot shows a web interface titled "Slides". At the top, there are three buttons: "Add New Slide" (red), "Import Excel" (green, highlighted with a red box), and "Delete Slides" (yellow). Below the buttons is a search bar and a "Show 10 entries" dropdown. The main area contains a table with columns: UNIQUE ID, SLIDE NAME, CATEGORY, SUBCATEGORY, MOUNT TYPE, MANUFACTURER, QUANTITY, and action icons (Edit, Disable, Delete). The table lists various biological and geological specimens. At the bottom, there is a pagination control showing "Showing 1 to 10 of 21 entries" and "Previous 1 2 3 Next".

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
Cajyot3c	Calamba transverse section of young stem halifa: coal lower Yorklan Yorkshire England	Geology	Geology	cross section	Unknown	2	Edit Disable Delete
ChlovaGp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3	Edit Disable Delete
ChlovaGc	Chicken ovary	Vertebrates	Bird	cross section	General Biological Supply House	6	Edit Disable Delete
ChlkiGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	13	Edit Disable Delete
ChltesGc	Chick testis cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3	Edit Disable Delete
ChltesGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4	Edit Disable Delete
CovlKcW	Combination wing feather wsm	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10	Edit Disable Delete
DeadTtEa	Foliose Lichen Thallus Rhinias	Fungi-Lichens	Fungi-Lichens	Cross Section	Army Medical School	5	Edit Disable Delete
HagrstLuc	Hexarangium griseii transverse section of stem calciferous sandstone series Pettycour Scotland	Geology	Geology	cross section	Unknown	2	Edit Disable Delete
Lemay3c	Lepidodendron macrophyllum young stem halifa: coal lower Yorklan Yorkshire England	Geology	Geology	cross section	Unknown	1	Edit Disable Delete

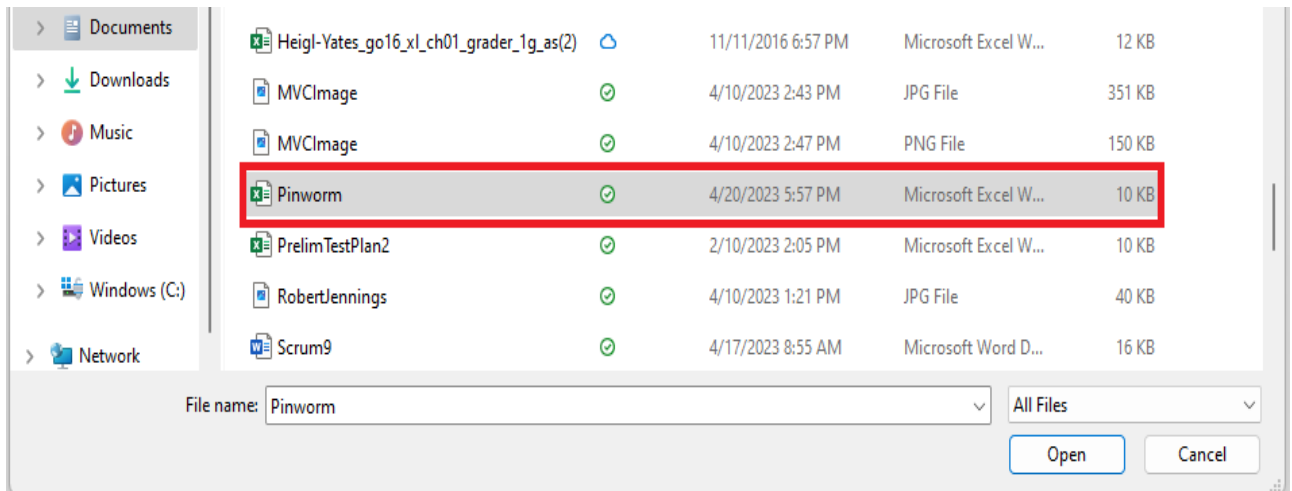
3. Select a category and subcategory.
4. Choose an Excel file and then click the “Upload” button.

Figure 26 Pinworm Excel file.

The screenshot shows an Excel spreadsheet with a formula bar at the top containing "C33" and a dropdown menu. The spreadsheet has columns labeled A through H. The data is as follows:

	A	B	C	D	E	F	G	H
1	ID	ID2	Slide Name	Type of mount	Manufacturer	Mnfr Slide identifi	Condition	Keywords
2	International Enterobius	1	Pinworm	whole mount	Carolina Biological Supply Company	SS259	Good	Prokaryotes/Invertebrates/Annelida
3	International Enterobius	2	Pinworm	whole mount	Carolina Biological Supply Company	SS259	Frosting under coverslip - mount not affected	Prokaryotes/Invertebrates/Annelida
4	International Enterobius	3	Pinworm	whole mount	Carolina Biological Supply Company	SS259	Cracked behind label - glued / Chipped upper left side - taped	Prokaryotes/Invertebrates/Annelida
5	International Enterobius	4	Pinworm	whole mount	Carolina Biological Supply Company	SS259	Good	Prokaryotes/Invertebrates/Annelida

Figure 27 Importing the Pinworm Excel file.



5. Go back to the slide page and type the slide name you imported in the “Search Bar”.

Figure 28 Pinworm Excel file successfully uploaded.

Import File

Instructions

1. To Start Importing a file, first choose your category and subcategory
2. Next, choose the corresponding excel file you want to upload
3. Last step is to hit the upload button
4. Only Excel files will be accepted

Import

Category: Prokaryotes

Subcategory: Annelida

*File Upload

Choose File: Pinworm.xlsx

Upload File Upload Success

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Note Only Excel files can be chosen to import.

Figure 29 Pinworm Excel file added to the slide table.

The screenshot shows a web interface for managing slides. At the top, there is a dark blue header with the word "Slides" in white. Below the header are three buttons: "Add New Slide" (red), "Import Excel" (green), and "Delete Slides" (yellow). A search bar on the right contains the text "pin". Below the buttons is a "Show 10 entries" dropdown menu. The main table has the following columns: UNIQUE ID, SLIDE NAME, CATEGORY, SUBCATEGORY, MOUNT TYPE, MANUFACTURER, and QUANTITY. A single row is visible with the following data: International Enterobius, Pinworm, Invertebrates, Annelida, whole mount, Carolina Biological Supply Company, 3. At the bottom, it says "Showing 1 to 1 of 1 entries (filtered from 22 total entries)" and "Previous 1 Next".

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY
International Enterobius	Pinworm	Invertebrates	Annelida	whole mount	Carolina Biological Supply Company	3

6. To learn more about editing, seeing detail, and or deleting a microscopic slide, (refer to table content).

3 ADMINISTRATOR VALIDATION PAGE INSTRUCTIONS

3.1 EDIT VALIDATION VALUES

1. Click on the “Validation Table” link on the top of the page.

Figure 30 Validation Table Link.

The screenshot shows the BioCat website navigation bar with "Validation Table" highlighted in red. Below the navigation bar is a dark blue header with the word "Slides" in white. Below the header are three buttons: "Add New Slide" (red), "Import Excel" (green), and "Delete Slides" (yellow). A search bar on the right contains the text "pin". Below the buttons is a "Show 10 entries" dropdown menu. The main table has the following columns: UNIQUE ID, SLIDE NAME, CATEGORY, SUBCATEGORY, MOUNT TYPE, MANUFACTURER, QUANTITY, and a set of edit/delete icons. The table contains 22 rows of data. At the bottom, it says "Showing 1 to 10 of 22 entries" and "Previous 1 Next".

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	EDIT	DETAIL
CayostUc	Calamite transverse section of young stem halifax coal lower Yorklan Yorkshire England	Geology	Geology	cross section	Unknown	2		
ChiovaCp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3		
ChiovaGc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	6		
ChiskiGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23		
ChitesCc	Chick testis cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3		
ChitesGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4		
CowifeCw	Combination wing feather wim	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10		
DeadTEe	Foliose Lichen Thallus Rhizines	Fungi-Lichens	Fungi-Lichens	Cross Section	Army Medical School	5		
HegristUc	Heteranglum grievii transverse section of stem calciferous sandstone series Pettycur Scotland	Geology	Geology	cross section	Unknown	2		
International Enterobius	Pinworm	Invertebrates	Annelida	whole mount	Carolina Biological Supply Company	3		

Figure 31 Validation Table.

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete
8	Rocks	Edit Delete

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- Click the “Edit” link for the category you would like to edit.

Figure 32 Selecting the category Rocks to be edited.

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete
8	Rocks	Edit Delete

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- Change the category name and the color for the category; the color that is picked will show up on a catalog card on the user end.

Figure 33 Category Rocks not modified.


Edit - Category #8

[Back to List](#)

Category

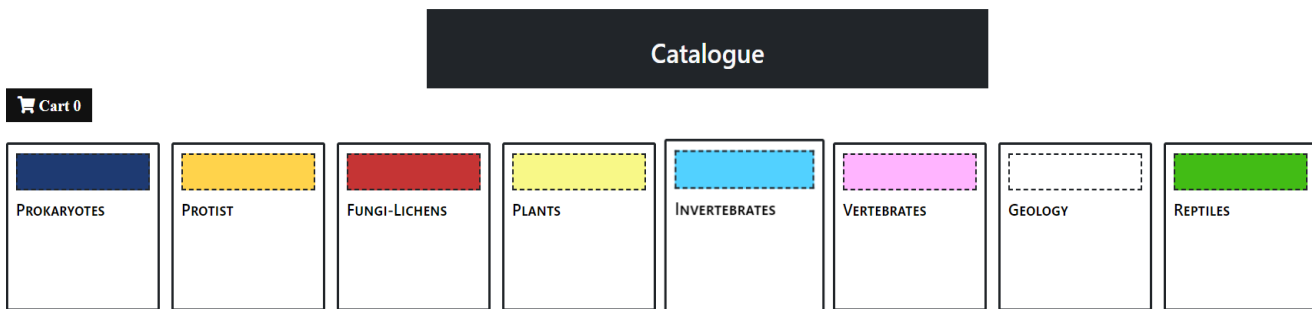
Id
8

Category Name
Rocks

Color


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Figure 34 Reptile card is displayed on the user end.



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4. After you fill out the form click the “Update” button.

Figure 35 Category name changed to Reptiles.


Edit - Category #8

[Back to List](#)

Category

Id
8

Category Name
Reptiles

Color


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5. View changes on the category table page.

Figure 36 Reptile displayed.

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete
8	Reptiles	Edit Delete

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6. Click the “Subcategory” tab and then click the “Edit link”.

Figure 37 Editing the Reptile subcategory.

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete
8	Reptiles	Edit Delete

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Figure 38 Subcategory validation edit page.

Edit - Subcategory #0

[Back to List](#)

Category Table		Subcategory																			
<table border="1"><thead><tr><th>ID</th><th>CATEGORY NAME</th></tr></thead><tbody><tr><td>1</td><td>Prokaryotes</td></tr><tr><td>2</td><td>Protist</td></tr><tr><td>3</td><td>Fungi-Lichens</td></tr><tr><td>4</td><td>Plants</td></tr><tr><td>5</td><td>Invertebrates</td></tr><tr><td>6</td><td>Vertebrates</td></tr><tr><td>7</td><td>Geology</td></tr><tr><td>8</td><td>Reptiles</td></tr></tbody></table>	ID	CATEGORY NAME	1	Prokaryotes	2	Protist	3	Fungi-Lichens	4	Plants	5	Invertebrates	6	Vertebrates	7	Geology	8	Reptiles		Id	33
ID	CATEGORY NAME																				
1	Prokaryotes																				
2	Protist																				
3	Fungi-Lichens																				
4	Plants																				
5	Invertebrates																				
6	Vertebrates																				
7	Geology																				
8	Reptiles																				
		Subcategory Name	Reptile																		
		Category ID	6																		
			<input type="button" value="Update"/>																		

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Note the ID value on the left-hand side must match a Category ID value on the right-hand side.

7. Modify the subcategory name and then click the “Update” button.

Figure 39 Modified the subcategory name to shells.

Edit - Subcategory #0

[Back to List](#)

Category Table		Subcategory																			
<table border="1"><thead><tr><th>ID</th><th>CATEGORY NAME</th></tr></thead><tbody><tr><td>1</td><td>Prokaryotes</td></tr><tr><td>2</td><td>Protist</td></tr><tr><td>3</td><td>Fungi-Lichens</td></tr><tr><td>4</td><td>Plants</td></tr><tr><td>5</td><td>Invertebrates</td></tr><tr><td>6</td><td>Vertebrates</td></tr><tr><td>7</td><td>Geology</td></tr><tr><td>8</td><td>Reptiles</td></tr></tbody></table>	ID	CATEGORY NAME	1	Prokaryotes	2	Protist	3	Fungi-Lichens	4	Plants	5	Invertebrates	6	Vertebrates	7	Geology	8	Reptiles		Id	33
ID	CATEGORY NAME																				
1	Prokaryotes																				
2	Protist																				
3	Fungi-Lichens																				
4	Plants																				
5	Invertebrates																				
6	Vertebrates																				
7	Geology																				
8	Reptiles																				
		Subcategory Name	Shells																		
		Category ID	8																		
			<input type="button" value="Update"/>																		

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The ID number 8 on the left-hand side matches the Category ID on the right-hand side.

8. Click the “Subcategory” tab and navigate to the subcategory you modified.

Figure 40 Shells is displayed on the subcategory table.

Validation Tables

Category **Subcategory** Manufacturer

[Add Subcategory](#)

ID	SUBCATEGORY NAME	CATEGORY NAME	
25	Chicken Embryology	Vertebrates	Edit Delete
26	Feline	Vertebrates	Edit Delete
27	Fish	Vertebrates	Edit Delete
28	Human	Vertebrates	Edit Delete
29	Mammal	Vertebrates	Edit Delete
30	Pig	Vertebrates	Edit Delete
31	Primate	Vertebrates	Edit Delete
32	Snake	Vertebrates	Edit Delete
33	Shells	Reptiles	Edit Delete
34	Rodent	Vertebrates	Edit Delete
35	Fungi-Lichens	Fungi-Lichens	Edit Delete
36	Geology	Geology	Edit Delete
37	Prokaryotes	Prokaryotes	Edit Delete

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9. Click the “Manufacturer” tab and click the ”Edit” link.

Figure 41 HumanSciences chosen to be edited.

Validation Tables

Category Subcategory **Manufacturer**

[Add Manufacturer](#)

ID	MANUFACTURER NAME	
16	Ripon Microslides	Edit Delete
17	Ro Malcomson	Edit Delete
18	Standford University	Edit Delete
19	Scientific Device Lab	Edit Delete
20	Standard Scientific Supply Corporation	Edit Delete
21	South Western Biological Supply Company	Edit Delete
22	Triarch Inc	Edit Delete
23	Temple University	Edit Delete
24	University of Pennsylvania	Edit Delete
25	Medical College of Virginia	Edit Delete
26	Wards Natural Science Establishment	Edit Delete
35	Utonium's Lab	Edit Delete
36	HumanSciences	Edit Delete

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Figure 42 Unmodified manufacturer.

Edit - Manufacturer #0

[Back to List](#)

Manufacturer

Id

36

Manufacturer Name

HumanSciences

[Update](#)

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10. Click the “Update” button after changing the “Manufacturer Name.”

Edit - Manufacturer #0

[Back to List](#)

Manufacturer

Id
36

Manufacturer Name
Seaworld

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Figure 43 Seaworld displayed

Validation Tables

Category Subcategory **Manufacturer**

ID	MANUFACTURER NAME	
16	Ripon Microslides	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
17	Ro Malcomson	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
18	Standford University	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
19	Scientific Device Lab	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
20	Standard Scientific Supply Corporation	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
21	South Western Biological Supply Company	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
22	Triarch Inc	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
23	Temple University	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
24	University of Pennsylvania	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
25	Medical College of Virginia	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
26	Wards Natural Science Establishment	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
35	Utonium's Lab	<input type="checkbox"/> Edit <input type="checkbox"/> Delete
36	Seaworld	<input type="checkbox"/> Edit <input type="checkbox"/> Delete

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- Add a new slide with your modification to the category, subcategory, and manufacturer field.
- Click on the Home link on the top of the page, click the “Add New Slide” button, and then change the category, subcategory, and manufacturer dropdown value.

Figure 44 Modified Category, Subcategory, and Manufacturer displayed

Add - New Slide

[Back to List](#)

Instructions

- Fill out the the create slide form
- Chose a slide image to upload
- Click the create button when the slide form is completed

Slide

*Unique Id

TurtleBodyParts

*Category

Reptiles

*Manufacturer

Seaworld

*Mount Type

Whole Mount

Image Upload

Choose File turtleshell.jpg

*Slide Name

Snapping Turtle Shell

*Subcategory

Shells

Man. Code

L98

*Quantity

2

Add

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- Click the “Add” button and view the new slide you added to the table.

Figure 45 New slide added.

Slides

Add New Slide Import Excel Delete Slides

Show entries Search:

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
TurtleBodyParTs	Snapping Turtle Shell	Reptiles	Shells	Whole Mount	Seaworld	2	Edit Details Delete

Showing 1 to 1 of 1 entries (filtered from 23 total entries) Previous Next

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Figure 46 When the “Detail” link is click for the Snapping Turtle Shell slide.


Details

[Edit](#) | [Back to List](#)

This page you can check out the detail of the chosen slide (i.e Unique Id, Slide Name, Category/Subcategory, Manufacturer, Manufacturer Code, Mount Type, Quantity, and the image of the slide)

Slide #24

Unique Id <input type="text" value="TurtleBodyParTs"/>	Slide Name <input type="text" value="Snapping Turtle Shell"/>	
Category <input type="text" value="Reptiles"/>	Subcategory <input type="text" value="Shells"/>	
Manufacturer <input type="text" value="Seaworld"/>	Man. Code <input type="text" value="L98"/>	
Mount Type <input type="text" value="Whole Mount"/>	Quantity <input type="text" value="2"/>	Image Path <input type="text" value="UploadedFiles/Photos/turtleshell.jpg"/>



3.2 DELETE VALIDATION VALUES

1. Click the “Validation Table” link on the top of the page.
2. Click on the category you want to delete and then click the “Delete” button (if you do not want to delete the category click the “Back To List” link to be redirected to the category table).

Figure 47 Deleting the category Reptiles.

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete
8	Reptiles	Edit Delete

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Figure 48 Reptiles category chosen for deletion.

Delete

Delete the chosen category

Category

Id

8

Category Name

Reptiles

Delete

[Back to List](#)

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Figure 49 No record of category

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete

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3. The deletion process is the same for the subcategory and manufacturer table pages.

3.4 ADDING VALIDATION VALUES

1. Click the “Validation Table” link on the top of the page.
2. Click the “Add Category” button (if you wish to cancel this process click the “Back To List” link to be brought back to the validation table page).

Figure 50 "Add Category" button

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete

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3. Fill out the form then click the "Add" button.

Figure 51 Creating a new category.

Add New Category

[Back to List](#)

Instructions

1. Add a new category by entering category name
2. Then select the color for the category card, that will be displayed on the catalogue side
3. Click the add button once you are done

Category

Id
8

Category Name
Lepidoptera

Color

Add

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Figure 52 Category Lepidoptera displayed.

Validation Tables

Category Subcategory Manufacturer

Add Category

ID	CATEGORY NAME	
1	Prokaryotes	Edit Delete
2	Protist	Edit Delete
3	Fungi-Lichens	Edit Delete
4	Plants	Edit Delete
5	Invertebrates	Edit Delete
6	Vertebrates	Edit Delete
7	Geology	Edit Delete
9	Lepidoptera	Edit Delete

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- Click the “Subcategory” tab, fill out the form, and then click the “Add” button (if you wish to cancel this process click the “Back To List” link to be brought back to the validation table page).

Figure 53 "Add Subcategory".

Validation Tables

Category Subcategory Manufacturer

Add Subcategory

ID	SUBCATEGORY NAME	CATEGORY NAME	Parent	Parent	Edit Delete
16	Gymnospermae	Plants	Plants		Edit Delete
17	Mosses	Plants	Plants		Edit Delete
18	Malaria	Protist	Protist		Edit Delete
19	Protist	Protist	Protist		Edit Delete
20	Amphibian	Vertebrates	Vertebrates		Edit Delete
21	Basal Vertebrates	Vertebrates	Vertebrates		Edit Delete
22	Bird	Vertebrates	Vertebrates		Edit Delete
23	Bovine	Vertebrates	Vertebrates		Edit Delete
24	Canine	Vertebrates	Vertebrates		Edit Delete
25	Chicken Embryology	Vertebrates	Vertebrates		Edit Delete
26	Feline	Vertebrates	Vertebrates		Edit Delete
27	Fish	Vertebrates	Vertebrates		Edit Delete
28	Human	Vertebrates	Vertebrates		Edit Delete

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Figure 54 Adding the subcategory Butterflies to the subcategory table.

Add New Subcategory

[Back to List](#)

ID	CATEGORY NAME
1	Prokaryotes
2	Protist
3	Fungi-Lichens
4	Plants
5	Invertebrates
6	Vertebrates
7	Geology
9	Lepidoptera

Subcategory

Id: 38

Subcategory Name: Butterflies

Category ID: 9

Add

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The ID on the left-hand side matches the Category ID on the right-hand side.

Figure 55 Subcategory Butterflies displayed.

Validation Tables

Category Subcategory Manufacturer

Add Subcategory

ID	SUBCATEGORY NAME	CATEGORY NAME	
25	Chicken Embryology	Vertebrates	Edit
26	Feline	Vertebrates	Edit
27	Fish	Vertebrates	Edit
28	Human	Vertebrates	Edit
29	Mammal	Vertebrates	Edit
30	Pig	Vertebrates	Edit
31	Primate	Vertebrates	Edit
32	Rabbit	Vertebrates	Edit
34	Rodent	Vertebrates	Edit
35	Fungi-Lichens	Fungi-Lichens	Edit
36	Geology	Geology	Edit
37	Prokaryotes	Prokaryotes	Edit
38	Butterflies	Lepidoptera	Edit

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5. Click the “Manufacturer” tab, click the “Add Manufacturer” button, fill out the form, and then click the “Add” button (if you wish to cancel this process click the “Back To List” link to be brought back to the validation table page).

Figure 56 "Add Manufacturer" button.

Validation Tables

Category Subcategory **Manufacturer**

Add Manufacturer

ID	MANUFACTURER NAME	
1	Army Medical School	Edit Delete
2	Carolina Biological Supply Company	Edit Delete
3	Cambosco	Edit Delete
4	California Botanical Materials Company	Edit Delete
5	Connecticut Valley	Edit Delete
6	Foss Microscope Slides	Edit Delete
7	Fisher Scientific	Edit Delete
8	General Biological Supply Company	Edit Delete
9	Medical Ecology	Edit Delete
10	MS Markle	Edit Delete
11	Macmillan Science Company Inc	Edit Delete
12	National Biological Labs Inc Inc	Edit Delete
13	Nasco	Edit Delete

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Figure 57 Adding new manufacturer.

Add New Manufacturer

[Back to List](#)

Manufacturer

Id

Manufacturer Name

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Figure 58 Philadelphia Insectarium displayed.

Validation Tables

Category Subcategory **Manufacturer**

[Add Manufacturer](#)

ID	MANUFACTURER NAME	
17	Ro Malcomson	Edit Delete
18	Stanford University	Edit Delete
19	Scientific Device Lab	Edit Delete
20	Standard Scientific Supply Corporation	Edit Delete
21	South Western Biological Supply Company	Edit Delete
22	Triarch Inc	Edit Delete
23	Temple University	Edit Delete
24	University of Pennsylvania	Edit Delete
25	Medical College of Virginia	Edit Delete
26	Wards Natural Science Establishment	Edit Delete
35	Utonium's Lab	Edit Delete
36	Seaworld	Edit Delete
37	Philadelphia Insectarium	Edit Delete

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6. Click the “Home” link on the top of the page and then add a new slide with the new values (refer to page 17 on how to add a slide.)

4 ADMINISTRATOR MANAGEMENT PAGE INSTRUCTIONS

4.1 ADMIN EDIT

1. Click the “Admins” link on the top of the page.
2. Click the “Edit” link for the user role you would like to edit.

Figure 59 Admin management page.

Admin Management

Add Admin

ID	TUID	FIRST NAME	LAST NAME	EMAIL
1	915935452	Cyrus	Ng	tun60613@temple.edu
7	915754394	Scott	Heigl-Yates	tuk61723@temple.edu

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3. Fill out the form and click the “Save” button.

Figure 60 Empty Fields.

Edit - Admin #7

[Back to List](#)

Admin

TUID

Please enter the TUID

First Name

Please enter a first name

Last Name

Please enter a last name

Email

Please enter a temple email

Save

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Note the TUID, First Name, Last Name, And Email must be filled in to save the modification.

Figure 61 Admin modified.

Edit - Admin #7

[Back to List](#)

Admin

TUID
915781739

First Name
Steven

Last Name
Dang


Email
tuk89134@temple.edu

Save

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- Click the “Back TO List” link to return to the Admin Management page.

Figure 62 Admin displayed.



[Add Admin](#)

ID	TUID	FIRST NAME	LAST NAME	EMAIL	
1	915935452	Cyrus	Ng	tun60613@temple.edu	Edit Delete
7	915781739	Steven	Dang	tuk89134@temple.edu	Edit Delete

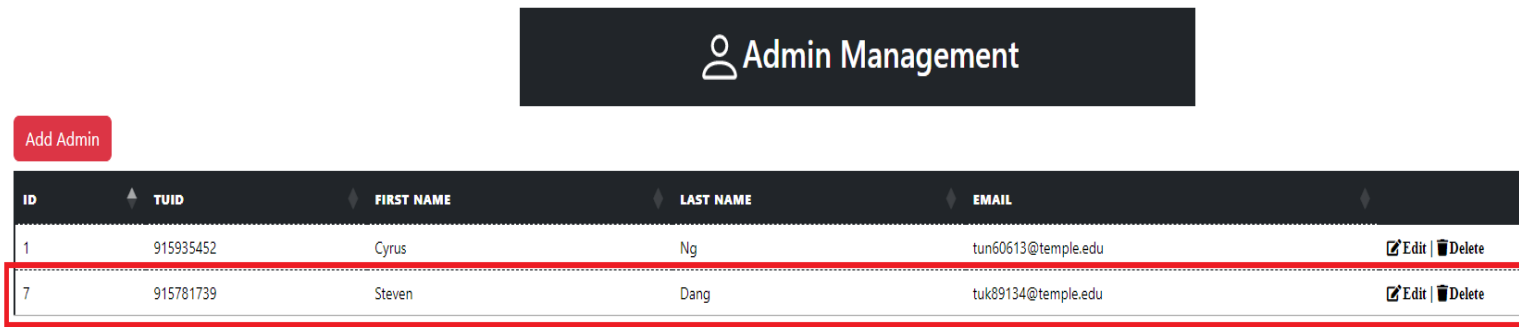
© 2023 - BioCat

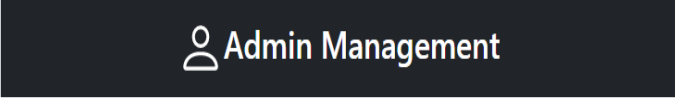
Note only Admins can use the admin side of the catalog application.

4.2 DELETE ADMIN

1. Click the “Admins” link on the top of the page and then click the “Delete” link for the admin you want to delete. If you do not want to delete the admin, simply click the “Back To List” link to return to the admin management page.

Figure 63 Chosen admin to be deleted.





[Add Admin](#)

ID	TUID	FIRST NAME	LAST NAME	EMAIL	
1	915935452	Cyrus	Ng	tun60613@temple.edu	Edit Delete
7	915781739	Steven	Dang	tuk89134@temple.edu	Edit Delete

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2. Click the “Delete” button.

Figure 64 Deleting admin.

Are you sure you want to delete this?

User

Id
7

TUID
915781739

First Name
Steven

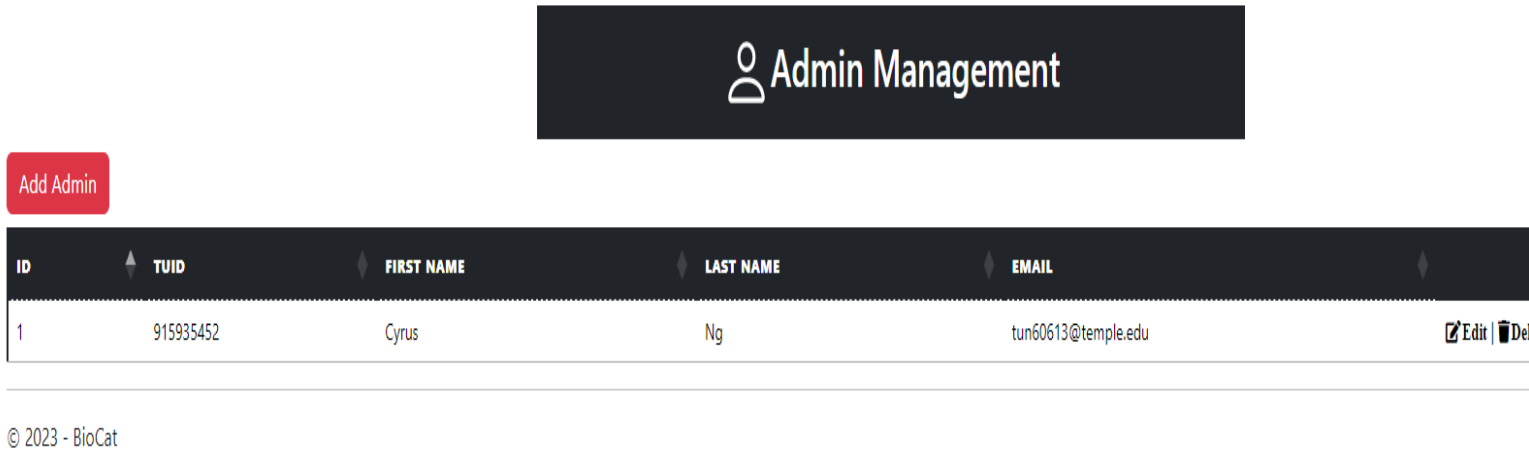
Last Name
Dang

Email
tuk89134@temple.edu

[Delete](#) | [Back to List](#)

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Figure 65 Admin deleted.



4.3 ADD ADMIN

1. Click the “Admins” link on the top of the page, click the “Add Admin” button, and then fill out the form (if you would like to return to the admin page click the “Back To List” link).

Figure 66 “Add Admin” button.

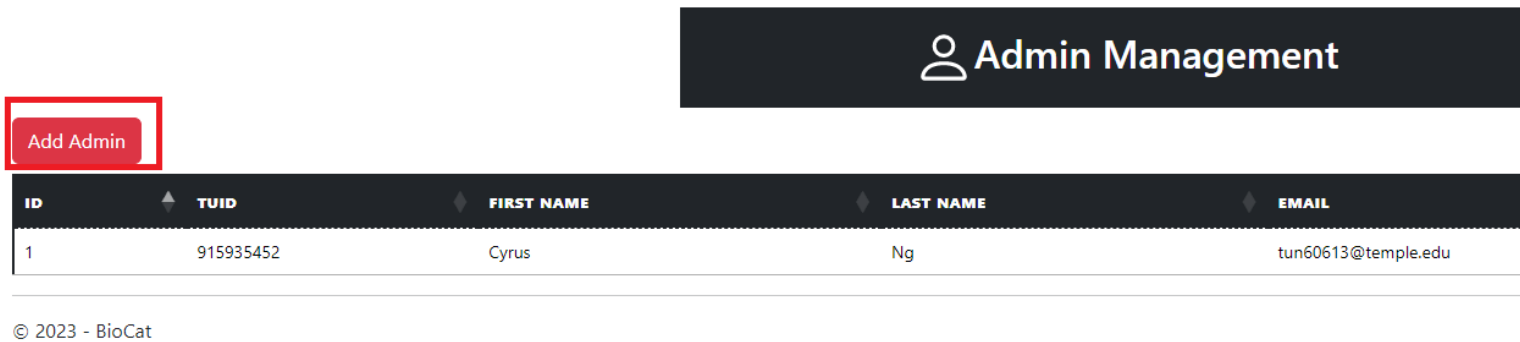


Figure 67 Empty Fields.

Add - New Admin

[Back to List](#)

Instructions

1. Add a new admin to the system by filling out this form
2. All Fields required are marked by **asterisk**
3. Click the add button once your done filling out the form

New Admin

*TUID

Please enter the TUID

*First Name

Please enter a first name

*Last Name

Please enter a last name

*Email

Please enter a temple email

Add

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Note the TUID, First Name, Last Name, And Email must be filled in to add an admin.

2. Click the “Add” button after you fill out the form.

Figure 68 Admin form filled out.

Add - New Admin

[Back to List](#)

Instructions

1. Add a new admin to the system by filling out this form
2. All Fields required are marked by **asterisk**
3. Click the add button once your done filling out the form

New Admin

*TUID

915754394

*First Name

Scott

*Last Name

Heigl-Yates


*Email

tuk61723@temple.edu

Add

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Figure 69 New User Displayed

 **Admin Management**

Add Admin

ID	TUID	FIRST NAME	LAST NAME	EMAIL	
1	915935452	Cyrus	Ng	tun60613@temple.edu	Edit Delete
7	915754394	Scott	Heigl-Yates	tuk61723@temple.edu	Edit Delete

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4.3 REQUEST PAGE

1. Click the “Request” link on the top of the page.

Figure 70 "Request" link

Slides

Add New Slide
Import Excel
Delete Slides

Show 10 entries
Search:

UNIQUE ID	SLIDE NAME	CATEGORY	SUBCATEGORY	MOUNT TYPE	MANUFACTURER	QUANTITY	
CayostUc	Calamite transverse section of young stem halifax coal lower Yorkian Yorkshire England	Geology	Geology	cross section	Unknown	2	Edit Details Delete
ChiovaCp	Chicken ovary section	Vertebrates	Bird	section	Carolina Biological Supply Company	3	Edit Details Delete
ChiovaGc	Chick ovary	Vertebrates	Bird	cross section	General Biological Supply House	6	Edit Details Delete
ChiskiGp	Chicken skin section	Vertebrates	Bird	section	General Biological Supply House	23	Edit Details Delete
ChitesCc	Chick testis cs	Vertebrates	Bird	cross section	Carolina Biological Supply Company	3	Edit Details Delete
ChitesGp	Chick testis	Vertebrates	Bird	section	General Biological Supply House	4	Edit Details Delete
CowifeCw	Combination wing feather wm	Vertebrates	Bird	whole mount	Carolina Biological Supply Company	10	Edit Details Delete
DeadTrEe	Foliose Lichen Thallus Rhizines	Fungi-Lichens	Fungi-Lichens	Cross Section	Army Medical School	5	Edit Details Delete
HearstUc	Heterangium grievii transverse section of stem calciferous	Geology	Geology	cross section	Unknown	2	Edit Details Delete

Figure 71 Request Table

Request Table

ID	EMAIL	REQUEST DATE	ORDER SUMMARY	COMMENT	STATUS
1	peter.bui@temple.edu	4/28/2023	Name: Calamite transverse section of young stem halifax coal lower Yorkian Yorkshire England Mount: cross section ----- Name: Heterangium grievii transverse section of stem calciferous sandstone series Pettycur Scotland Mount: cross section ----- Name: Lepidodendron macrophyllum young stem Halifax coal lower Yorkian Yorkshire England Mount: cross section -----	This is the first iteration of our test. yes first	Complete <input checked="" type="checkbox"/>
2	peter.bui@temple.edu	4/27/2023	Name: Calamite transverse section of young stem halifax coal lower Yorkian Yorkshire England Mount: cross section ----- Name: Heterangium grievii transverse section of stem calciferous sandstone series Pettycur Scotland Mount: cross section -----		In-Progress <input type="checkbox"/>
3	peter.bui@temple.edu	4/28/2023	Name: Calamite transverse section of young stem halifax coal lower Yorkian Yorkshire England Mount: cross section ----- Name: Heterangium grievii transverse section of stem calciferous sandstone series Pettycur Scotland Mount: cross section ----- Name: Lepidodendron macrophyllum young stem Halifax coal lower Yorkian Yorkshire England Mount: cross section -----	comme	Complete <input checked="" type="checkbox"/>
4	steven.dang@temple.edu	4/30/2023	Category: Geology Subcategory: Geology UniqueId: CayostUc Name: Calamite transverse section of young stem halifax coal lower Yorkian Yorkshire England Mount: cross section Category: Geology Subcategory: Geology UniqueId: HegrstUc Name: Heterangium grievii transverse section of stem calciferous sandstone series Pettycur Scotland Mount: cross section Category: Geology Subcategory: Geology UniqueId: LemaysUc Name: Lepidodendron macrophyllum young stem Halifax coal lower Yorkian Yorkshire England Mount: cross section	I want this slides now	Complete <input checked="" type="checkbox"/>

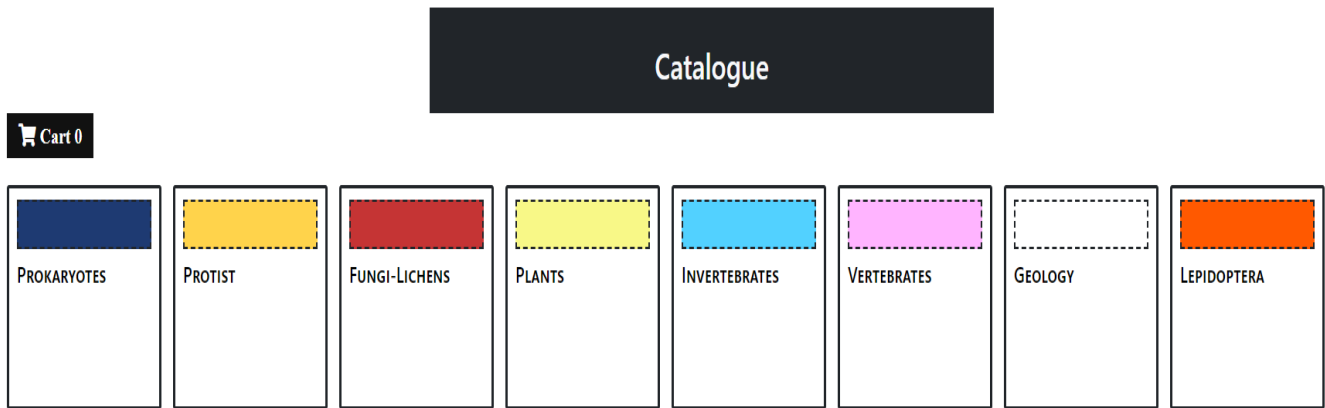
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Here the admin is presented with a summary of the slide requests that were made. If the admin clicks the check box to the right-hand side it will change the status from “Complete to In-progress” and vice versa. The requestee will be notified by email when the status of their request has changed.

5 USER SLIDE REQUEST PROCESS INSTRUCTIONS

5.1 – USER HOME PAGE

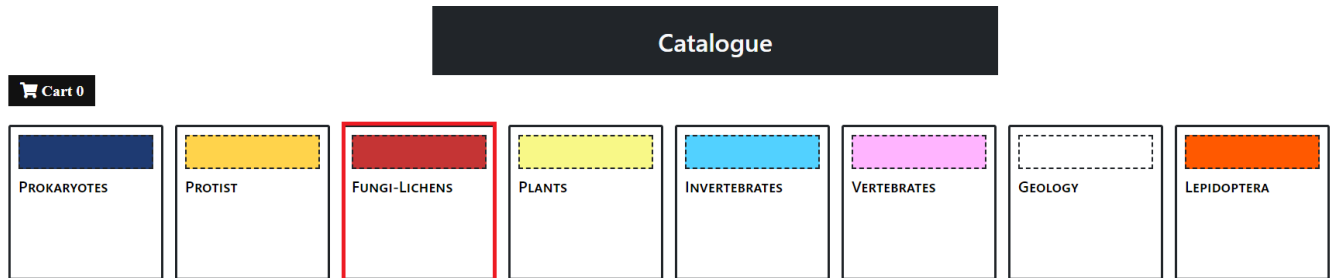
Figure 72 Catalog Homepage.



5.2 REQUEST SLIDE FORM

1. Click on a category from the list of options.

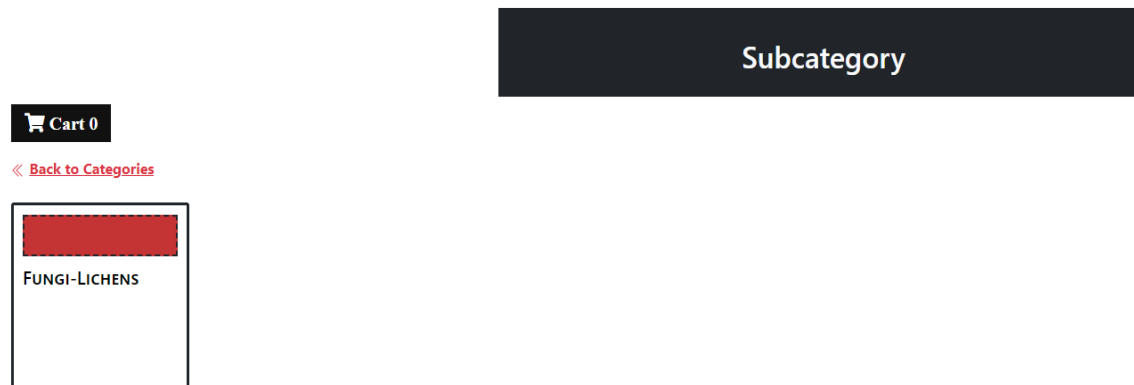
Figure 73 Fungi-Lichens selected.



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2. Click on a subcategory from the list of options. You can also go back to the category page by clicking the “Back To Categories” link.


Figure 74 Fungi-Lichens



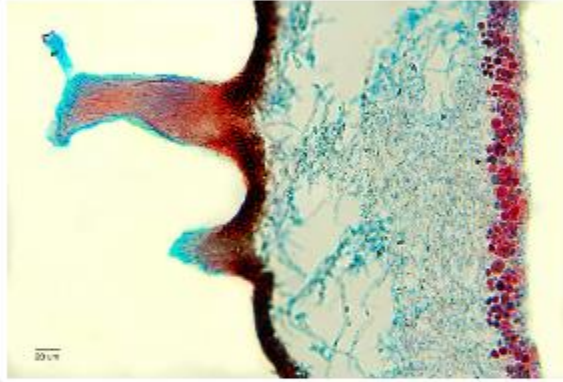
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3. Click the slide to add the slide to your request cart

Figure 75 One slide in the cart.

 **Cart 1**

« [Back to Subcategories](#)



Foliose Lichen Thallus Rhizines

- **Mount Type:** Cross Section
- **Quantity:** 5

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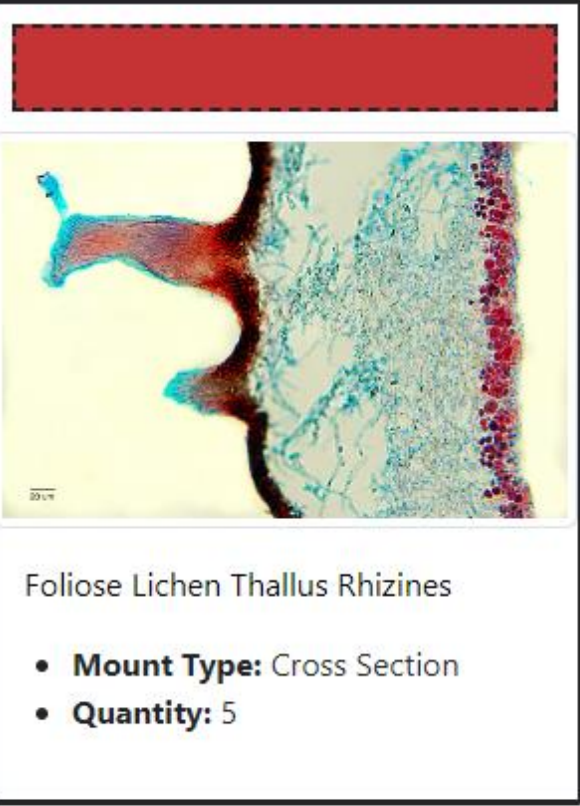
Figure 76 Request cart sidebar

Request Cart ×

Name: Foliose Lichen Thallus Rhizines
Mount: Cross Section

Request **Clear**

« [Back to Subcategories](#)



Foliose Lichen Thallus Rhizines

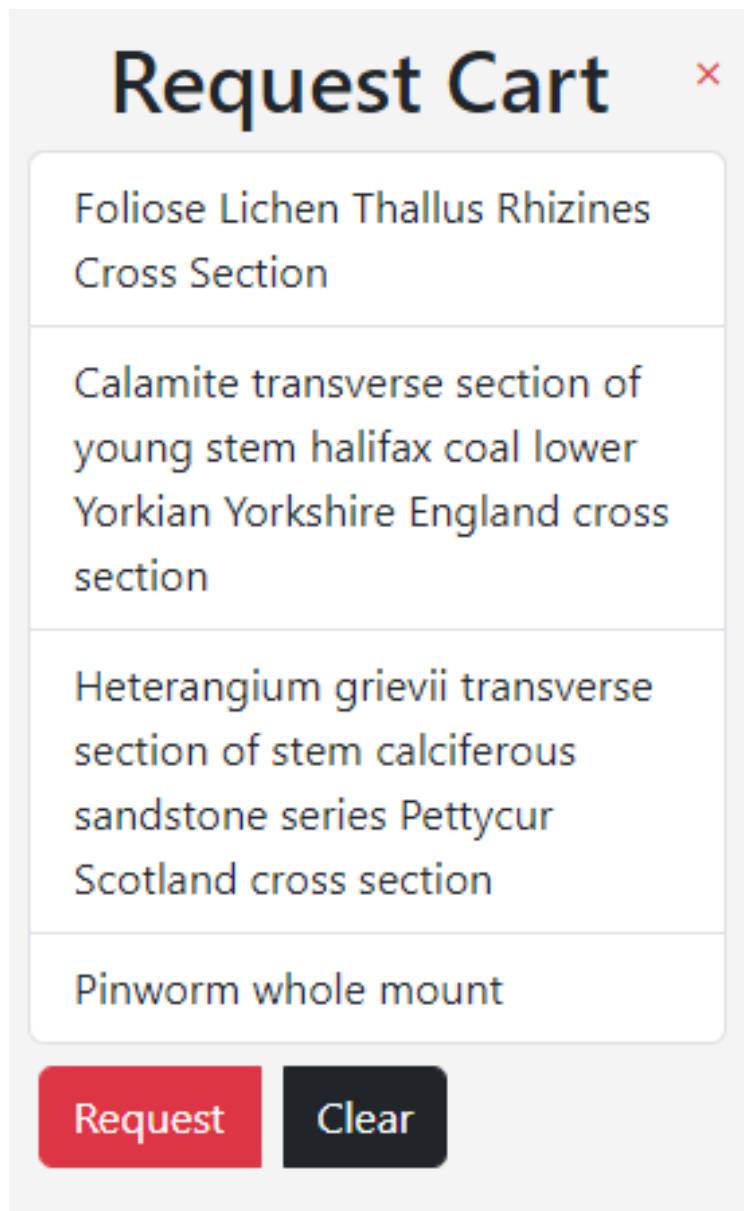
- **Mount Type:** Cross Section
- **Quantity:** 5

Note you can click the “Clear” button to clear your slide requests in your cart.

you can also add different slides to your cart, just follow the instructions from above to add more slides to your request cart.

4. Click the “Request” button.

Figure 77 Checkout Request



Request Cart ×

- Foliose Lichen Thallus Rhizines
Cross Section
- Calamite transverse section of
young stem halifax coal lower
Yorkian Yorkshire England cross
section
- Heterangium grievii transverse
section of stem calciferous
sandstone series Pettycur
Scotland cross section
- Pinworm whole mount

Request **Clear**

5. In the date dropdown bar selected a date you would like to pick up a slide (you cannot select a date that is the same day when the request was made) The other fields auto populate and the comments are optional.

Figure 78 Need to select a date.

Request Form

First Name	Last Name
<input type="text" value="Scott"/>	<input type="text" value="Heigl-Yates"/>
Email	
<input type="text" value="scott.h-y@temple.edu"/>	
TUID	Date Required:
<input type="text" value="915754394"/>	<input type="text" value="mm/dd/yyyy"/>
<p>The Request Date field is required.</p>	
Summary of Order:	
Category: Fungi-Lichens Subcategory: Fungi-Lichens Uniquelid: DeadTrEe Name: Foliose Lichen Thallus Rhizines Mount: Cross Section	
Comment:	
<input type="text"/>	
<input type="button" value="Submit"/>	<input type="button" value="Cancel"/>

Note you can click the “Cancel” button to cancel the request.

6. Click the “Submit” button.

You will receive an email confirming that your request was made.