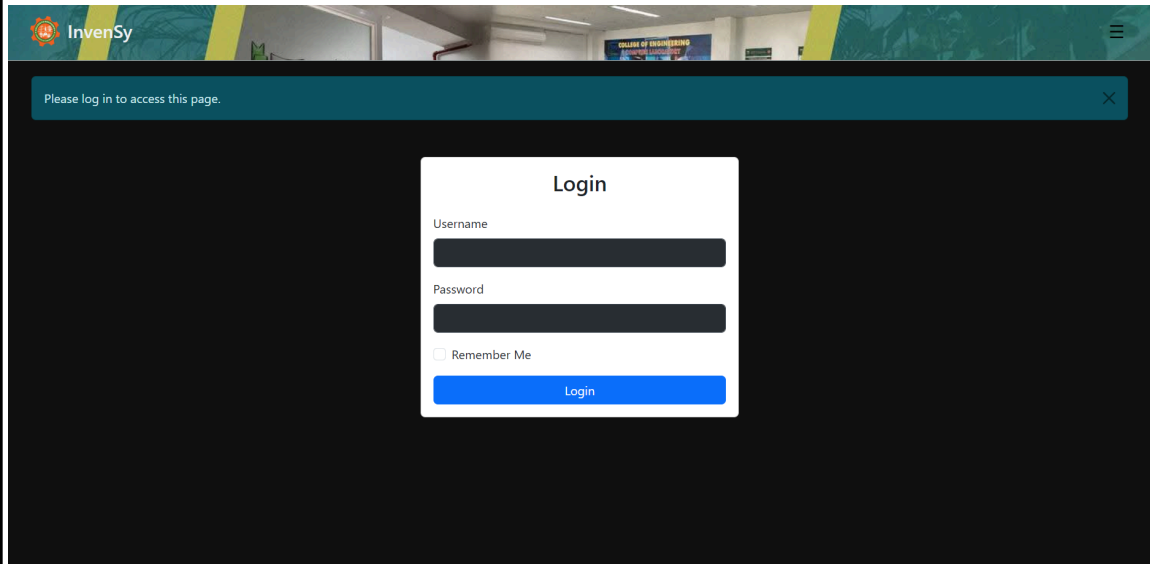


Inventory System for UCC – College of Engineering Library	
Progress Report No. 3	
Course Code: CpE 201L	Program: BSCpE
Course Title: Data Structure and Algorithm	Date Performed: 10/04/2025
Section: 2A	Date Submitted: 10/04/2025
Team leader: Bron, Jhustine A. Members: Acebedo, Sebastian C. Ampong, J-Kevin L. Manongsong, Ken R.	Instructor: Engr. Maria Rizette H. Sayo
Materials and Equipment	
<ul style="list-style-type: none"> ● Neobeam ● Github ● Pycharm ● Git ● Browser 	
Procedure	
<p>For the next phase of our UCC College of Engineering Library Inventory System, we successfully implemented a login system that includes a superuser or admin role. The admin has full control over managing user accounts, including the ability to edit details, delete existing users, and create new accounts when needed. This feature adds an extra layer of security and flexibility, ensuring proper access management within the system.</p> <p>Alongside this, we are still working on the history function to record important actions like insert, delete, update, and search, keeping the system organized and efficient for future use.</p>	

CURRENT DEVELOPMENT OF OUR PROGRAM INTERFACE:



The screenshot shows the login page of the InvenSy system. At the top, there is a header with the InvenSy logo and a navigation menu. Below the header, a dark blue banner contains the text "Please log in to access this page." with a close button. The main content area is dark gray and features a white login form. The form has a title "Login" and fields for "Username" and "Password". There is a checkbox for "Remember Me" and a blue "Login" button.

InvenSy

Please log in to access this page.

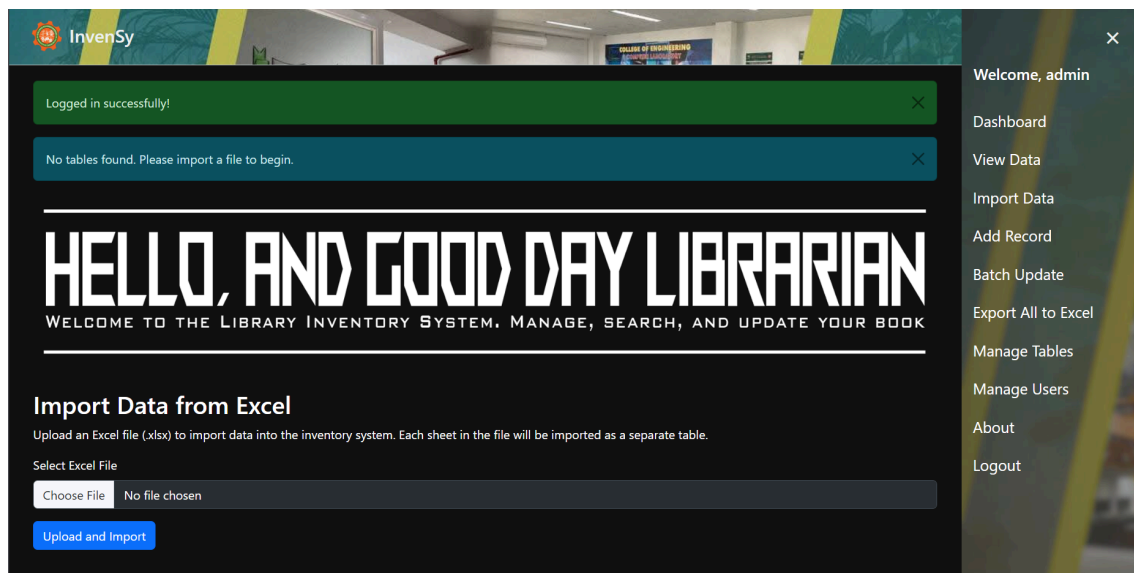
Login

Username

Password

☐ Remember Me

Login



The screenshot shows the dashboard of the InvenSy system after a successful login. The header is the same as the login page. Below the header, a green banner displays "Logged in successfully!" with a close button. A dark blue banner below it says "No tables found. Please import a file to begin." with a close button. The main content area is dark gray and features a large white text overlay that reads "HELLO, AND GOOD DAY LIBRARIAN" followed by "WELCOME TO THE LIBRARY INVENTORY SYSTEM. MANAGE, SEARCH, AND UPDATE YOUR BOOK". Below this, there is a section titled "Import Data from Excel" with instructions to upload an Excel file. A file selection area shows "Choose File" and "No file chosen" buttons, and an "Upload and Import" button. On the right side, there is a sidebar with a close button and a list of navigation links: "Welcome, admin", "Dashboard", "View Data", "Import Data", "Add Record", "Batch Update", "Export All to Excel", "Manage Tables", "Manage Users", "About", and "Logout".

InvenSy

Logged in successfully!

No tables found. Please import a file to begin.

HELLO, AND GOOD DAY LIBRARIAN

WELCOME TO THE LIBRARY INVENTORY SYSTEM. MANAGE, SEARCH, AND UPDATE YOUR BOOK

Import Data from Excel

Upload an Excel file (xlsx) to import data into the inventory system. Each sheet in the file will be imported as a separate table.


Select Excel File


Choose File No file chosen

Upload and Import

Welcome, admin

- Dashboard
- View Data
- Import Data
- Add Record
- Batch Update
- Export All to Excel
- Manage Tables
- Manage Users
- About
- Logout

 InvenSy



Manage Users

Create New User

From here you can create, edit, and delete user accounts.

Username	Role	Actions
admin	Admin	<div>Edit</div>

Create New User

Create a new user account and assign permissions.

Username

Password

Permissions

Select the actions this user will be allowed to perform.

☒ Can View Data
Can view data records

☐ Can Edit Record
Can edit existing records

☐ Can Import Data
Can import data from files

☐ Can Manage Tables
Can delete tables

☐ Can Manage Users
Can manage users and permissions (Admin)

☒ Can Add Record
Can add new records

☐ Can Delete Record
Can delete records

☐ Can Export Data
Can export data to files

☐ Can Batch Update
Can perform batch updates

Cancel

Create User