



PROG6212: POE

User Manual



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Introduction:

Welcome to the User Registration and Module Capture Web Application! This platform is designed to streamline the process of capturing and managing module details, providing users with a user-friendly interface to input, store, and view information. Whether you are a student, faculty member, or administrator, this guide will walk you through the essential features and functionalities of the application.

Getting Started:

Upon accessing the website, you will find a clean and intuitive interface. The main sections are accessible through the Register form on the top left and the login form beneath the register form. The primary sections include "User Profile," "Module Capture," and "Module List."

User Registration:

If you are a new user:

1. Navigate to the "User Profile" section.
2. Click on the "Register" button.
3. Fill in the required details, including your first name, last name, contact information, gender, address, desired username, and password.
4. Click "Submit" to create your account.

If you are an existing user:

1. Enter your username and password in the "Login" section on the home page.
2. Click "Login" to access your account.\

Module Capture:

The heart of the application lies in the "Module Capture" section, where users can input and save details about academic modules.

1. **Module Information:**
 - Fill in the module code, name, credit, and class hours per week.
2. **Semester Information:**
 - Provide the number of weeks and start date for the semester.
3. **Record Hours:**
 - Enter the number of hours worked and the date worked.
4. Click "Submit" to add the module details to the list.

Viewing and Editing User Profile:

1. Navigate to the "User Profile" section.
2. Click "View Profile" to see your profile details.
3. Click "Edit Profile" to make changes if needed.
4. Save your changes by clicking "Submit."

Saving to Database:

1. After capturing module details, click "Submit" to add them to the list.
2. To save to the database, click "Save to Database."
3. Your module details are now securely stored.

Viewing Module List:

1. Head to the "Module List" section to view a comprehensive list of captured modules.
2. Explore the details and organize the information as needed.

Troubleshooting:

Encountering issues? Here are some common solutions:

- **Login Issues:**
 - Ensure your username and password are correct.
 - If forgotten, use the "Forgot Password" link on the login page.
- **Module Capture Errors:**
 - Check for missing or incorrectly formatted information.
 - Review error messages and update accordingly.
- **Database Connection Problems:**
 - Verify your internet connection.
 - Confirm the correct database connection string in the web.config file.

If issues persist, contact ST10135918@imconnect.edu.za for assistance.

Screenshots:

Register Form:

First Name	<input type="text"/>
Last Name	<input type="text"/>
Contact	<input type="text"/>
Gender	<input type="text" value="Male"/> ▼
Address	<input type="text"/>

Username	<input type="text"/>
	*
Password	<input type="text"/>
	*
Confirm Password	<input type="text"/>

Submit

Login form

Login

Username	<input type="text"/>
Password	<input type="text"/>

Login

Module capture page

Module Details

Module Code:


Module Name:

Module Credit:

Class Hours Per Week:


Semester Information

Number of Weeks:

Start Date: 

Record Hours

Number of Hours Worked:

Date Worked: 

Module Code	Module Name	Module Credit	Class Hours Per Week	Number of Weeks	Start Date	Number of Hours Worked	Date Worked
<input type="button" value="Submit"/>	<input type="button" value="Save to Database"/>						

Database, UserRegisterDB table:

	UserID	FirstName	LastName	Contact	Gender	Address	Username	Password
1	1	1	1	1	Male	1	1	1
2	2	1	1	1	Male	1	1	1
3	3	6	6	6	Male	6	6	6
4	4	4	4	4	Male	4	4	4
5	5	1	1	1	Male	1	1	\$2a\$10\$zHUNwuEqGLtB2LcGTw5Yr.IH1kKwJ3sa9cRiHS.z176
6	6	7	7	7	Male	7	7	\$2a\$10\$9Z/PzhUX65zetsrCGfyAVuWenKdUA0XVTJvp2i92PCQ

The previous passwords were not hashed as I was still testing it, but the n I worked in the hashed values.

Database moduleCapture table

	ModuleID	ModuleCode	ModuleName	ModuleCredit	ClassHoursPerWeek	NumberOfWeeks	StartDate	NumberOfHoursWorked	DateWorked	UserID
1	1	ABC123	Sample Module	3	2	12	2023-11-30	10	2023-11-30	1

Conclusion:

You've successfully navigated the key features of the User Registration and Module Capture Web Application. Whether you are managing your academic modules or updating your user profile, this platform is designed to simplify your experience. For any further assistance or inquiries, don't hesitate to reach out to our support team. Thank you for choosing our web application!