## Programming 6212 – Final POE Submissions User Guide
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Welcome to the Mental Modules User Manual. In this manual the user will be able to navigate through the web application with ease. Get answers to questions and be able to utilise all application functions!
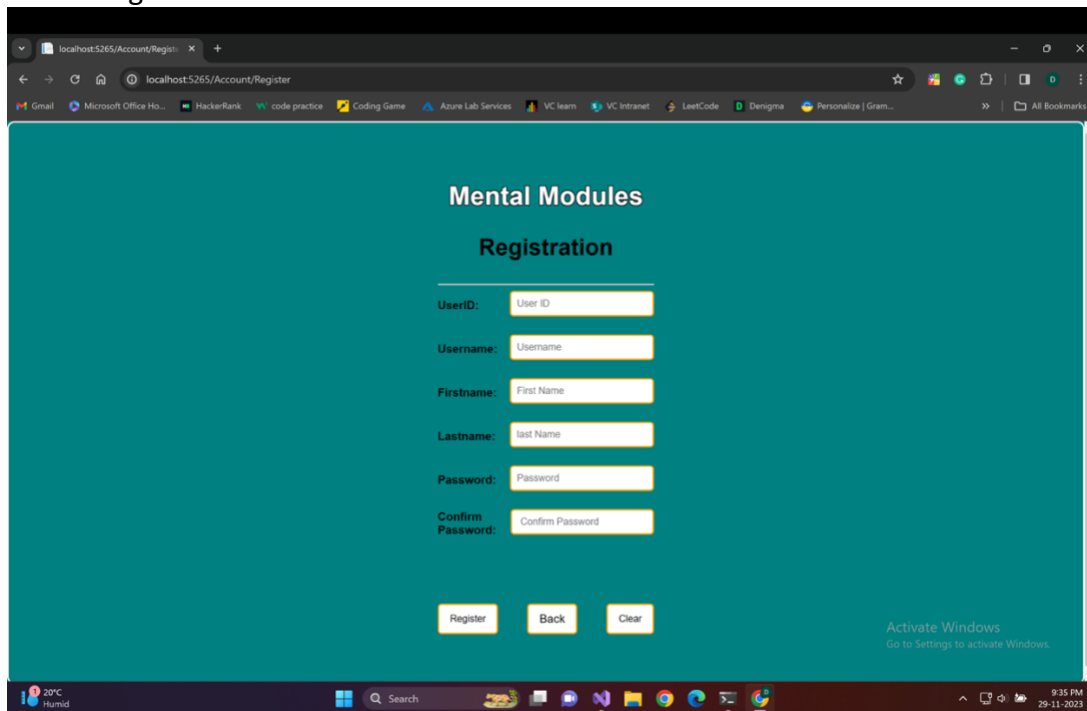
Login view
As the user access the web application they will be greeted with the login view.
Here the user has the option to login to their account if they have one already, otherwise they are able to create a Mental modules profile by pressing the HERE link in the around footer below the login button.
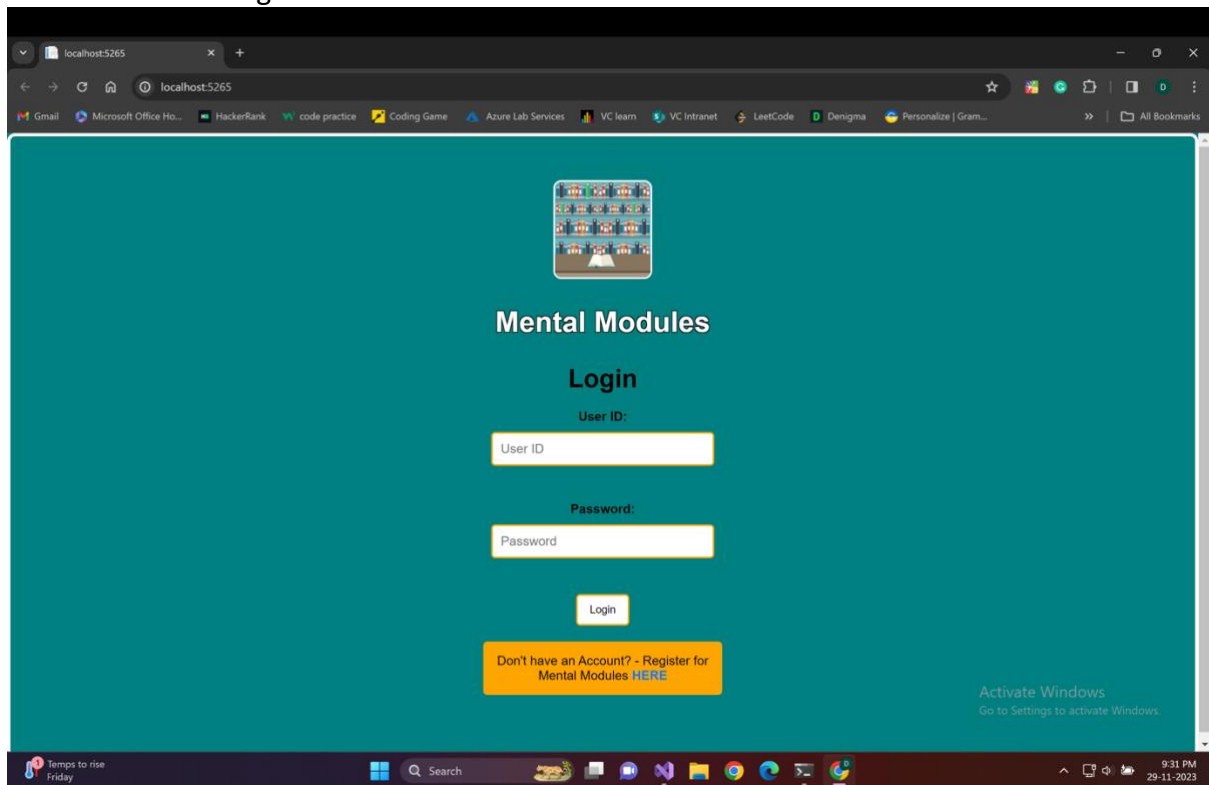
Registration View

In the registration view the users will be required to enter the necessary details in order to add their profiles into the Mental Modules database. Through entering their Unique User ID , Username, Fist name , last name and password, if all are correct and valid the user will be able to login to their new mental modules account.
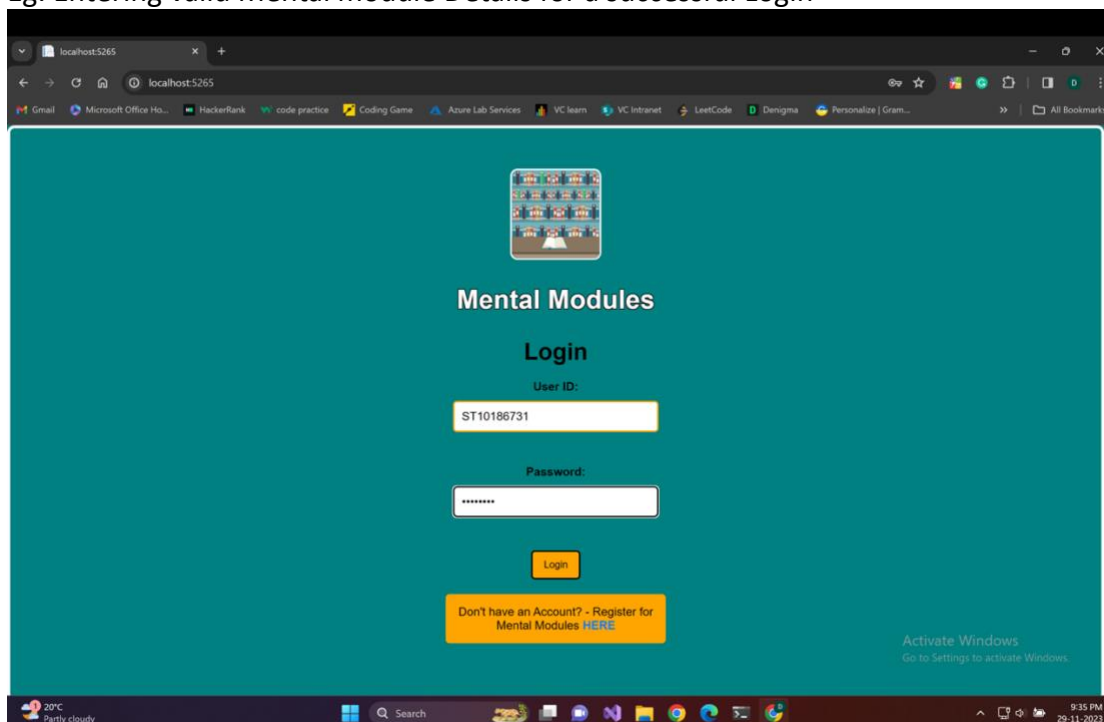

Eg. Entering valid Mental module Details for a successful Login

Successful Login and the Home View

Once the system has validated the users details and the user has successfully logged in, the user will be greeted with the home view, here the home view will ensure that the user has indeed logged into their account by displaying their name into the heading of the of the home Page. In this case the user that has logged in is Daniel Antonie.

In the home view the user is able to select any option within the navigation bar at the top of the page, moving from option to option has never been easier. If the user is an any page within the web application , the footer contains a home link button that will return the user to the home page at any time.
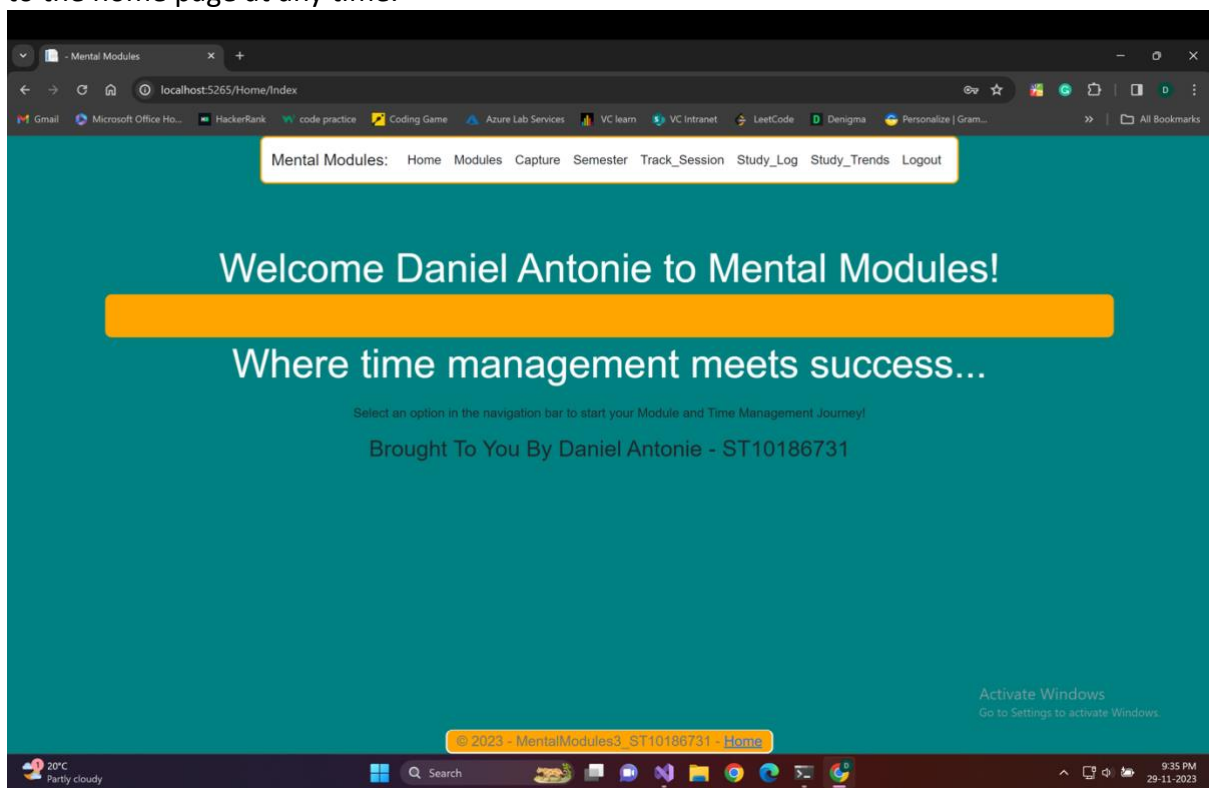
Modules

In this example the user Daniel Anotnie has entered multiple modules that he has enrolled in. Once a user has captured a semester and a modules they have enrolled in, they will be able to view the module information in module view which is the first option in the navigation bar. The system will retrieve all the modules that are associated with the logged in user.

There is also a Details button within the table , this allows the user to select the specific details for a module of their choice as seen below, the user can return to the table at any time.
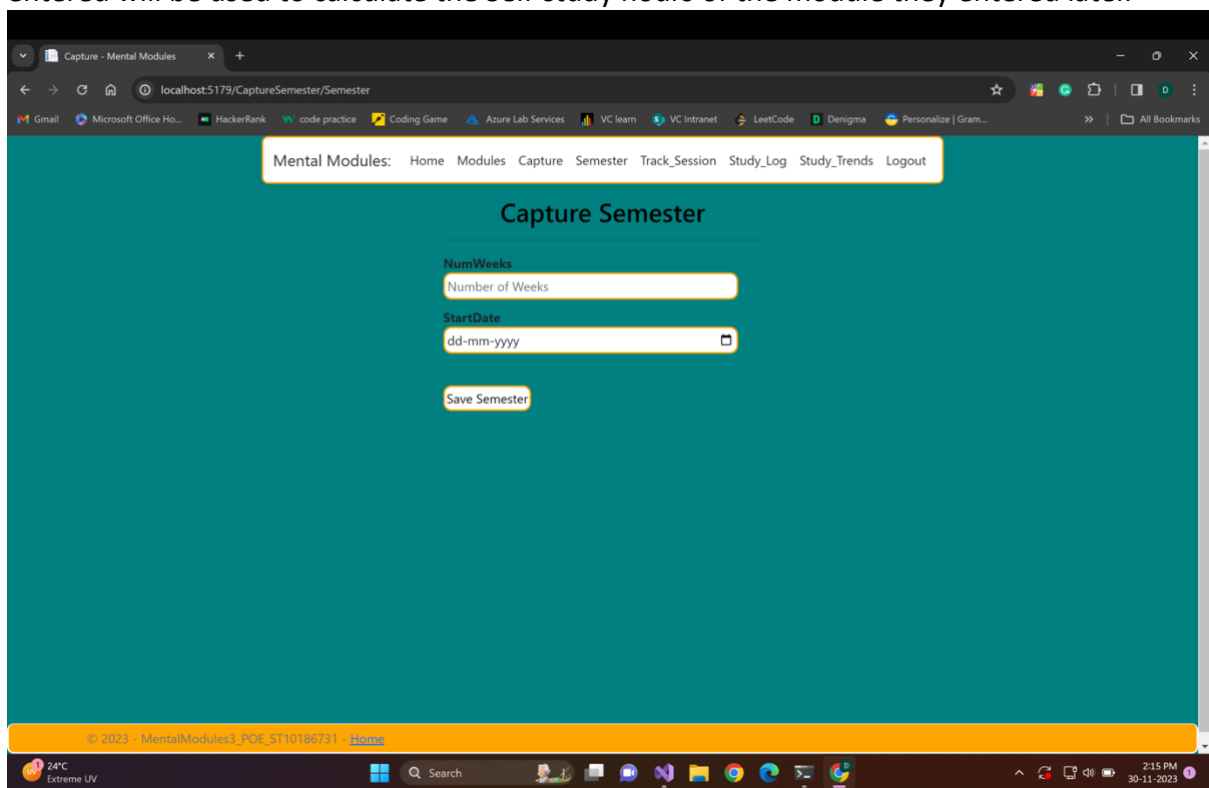
Semester

The semester view is where the user will begin their mental modules journey, here the user will enter the semester information custom to their educational career. The user will enter the number of weeks and the Start date of the Semester. The number of weeks the user entered will be used to calculate the Self-study hours of the module they entered later.

Capture

The capture page is the main event of the application, once a user has entered a semester, they are then able to capture an infinite amount of modules they have or will enrol in. By entering the necessary details of each module in the fields, the system will then insert the module into the database and save the module information for the user to view in the module view. Once the details have been validated, the system will then calculate the Self Study hours for the module-   ((Credits*10)/Number of weeks in the semester) – class hours per week

Record Study Hours

 In the record study hours view, the user will be able to enter the study session they have just completed. The user will have to select an available module to log a study session for in the drop down list, they will have to enter the number of hours they have studied for and finally select the date on which they have studied. However in this view the user cannot select a date before the start date of the semester to log a study session if they do accidently do so, the system will notify the user that they have logged a session before the start date of the semester.

Once all Study session details have been correctly entered and validated, the system will save the study session for that day and subtract the number of hours they have studied from the self-study hours of the module. This number will update in the Module view - module table.
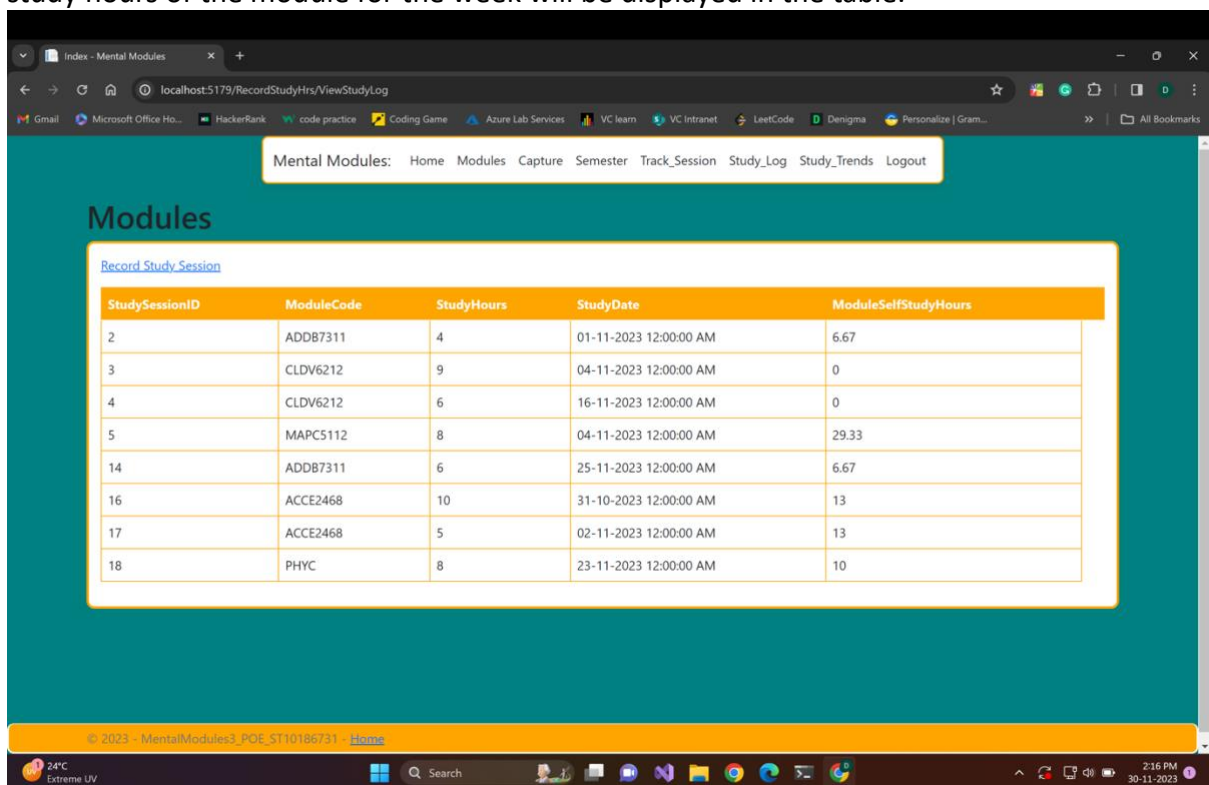
Study Log View

In the study log view , the user will have access to all the study log data of every module they have studied for. All study data is retrieved from the database and displayed in the table for the user to analyse and view all study session details of any module they have enrolled In. the Study Session ID, the Module code, Study Hours, Study Date and the remaining self-study hours of the module for the week will be displayed in the table.
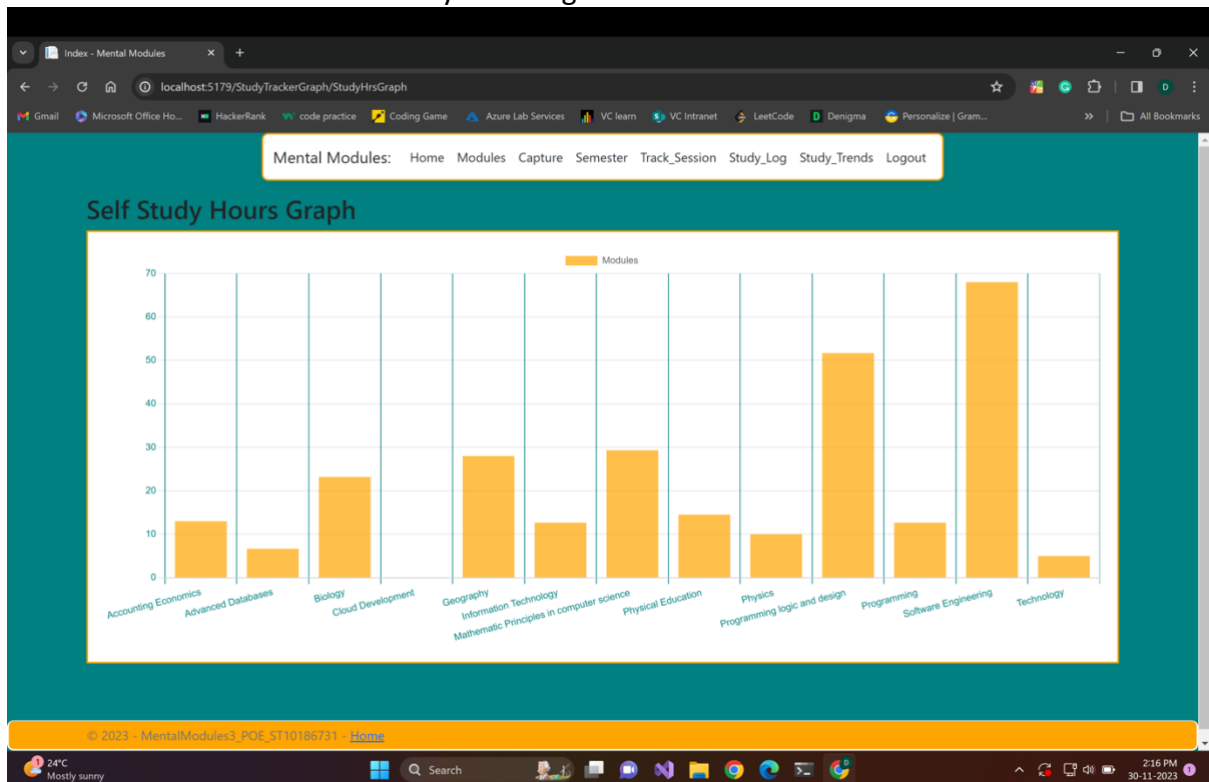
Self-Study Hours Graph

The bread and butter of time management, in the self-study hours graph view the system will take the Module names and Self-study hours data of all modules and create a visual bar graph of the user's Self-study hours for a module in a particular week. The user can view individual data for each module by hovering over the bar of the desired module.

Logout

The final stage of the users session journey, when the user is ready to say goodbye to Mental modules, they able to select the logout button in the navigation bar. Once pressed they are taken to the Confirm Logout screen. Here the user can either change their mind and cancel- this will take them back to the their home screen- other wise they can select the logout button which will log them out of their profile and take them to the login screen once again.