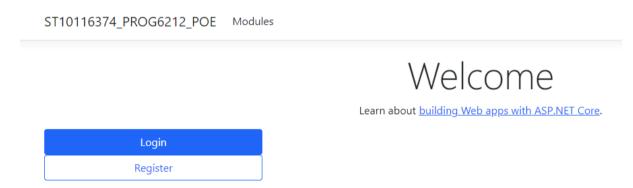# ST10116374

PROG6212

POE

User Manual

Note a YouTube video is made for making the user manual easier as well as the same video as file in the same folder as this document YouTube link:
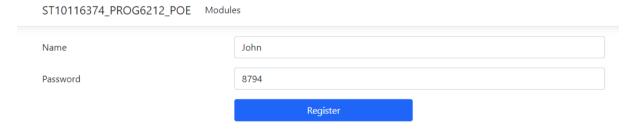https://youtu.be/R1kwXQIhONk

Explanation

Welcome to the web app made for programming 2B (PROG6212), this app was made in mind for students who want or need to organize their work for the course they are taking. This will be able to store modules from a semester and save them in a SQL database so that the data can persist as long as the user needs. What this means also is that the app can save the hours spent on a module the weeks in a semester and the class hours per week.

Login/Registration

ST10116374_PROG6212_POE   Modules

Welcome

Learn about building Web apps with ASP.NET Core.
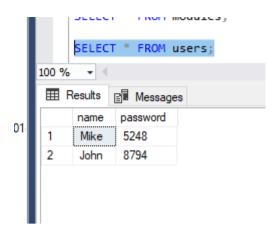
Login
Register

This is the first screen you see when the app starts there is a Welcome header that right under it has a link to know more about how ASP.NET core web apps works. The name of the web app is on the top right as well as a link to the modules page but that work until you log in. If you have registered before than you can go straight to the log in page by clicking "Login" button if not then proceed to the registration by clicking the "Register" button.

Registration

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Name	John
Password	8794
	Register

Here is the registration page here you can register as seen above you can insert your name and password as long as your password and name matches what you typed in here when you logged you can procced past the log in page by clicking the "Register" button in blue and start working on the web app.
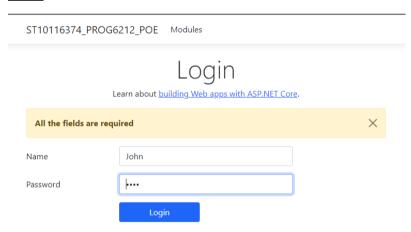
Here you can see that the registration has been saved to the SQL Database that will allow us to login

This shows an error message that appears when you don't insert anything into the registration as the app can't input nothing into the SQL database all fields need to be filled so that the web app can proceed and continue working

Login

This images shoes us the login screen here I also didn't insert the data to show us the same error message works here as well , all this page will need for us to proceed is a user name and password to cotinine. Note that you have to put in the name and password that you put into registration page to continue so that the web app can check if the user name and password correlate with what is in the SQL database. Once you have inserted the correct user name and password you may click the "Login" button in blue.
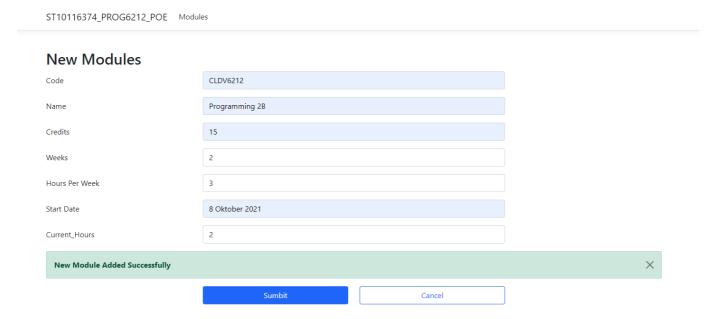
Modules

List of Modules

New Module

ID	Code	Name	Credits	Houres per week	Weeks	Start Date	Current Hours	Selfstudy Hours	Selfstudy left		
10	PROG6212	Programming 2B	15	8	5	2 September 2022	5	13	8	Edit	Delete
11	PROG6212	Programming 2a	15	8	5	2 September 2022	5	13	8	Edit	Delete
12	ADDB7311	Advanced database	10	6	3	7 September 2022	5	13	8	Edit	Delete

Reminder for set Days!!!

Set a new day for study

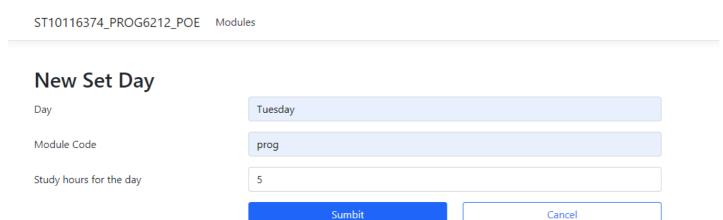| ID	Day	Module Code	Study Hours	Date Created On	
1	Wednesday	PROG6212	2	2022/12/01 08:35:11	Delete
2	Friday	ADDB7311	1	2022/12/01 08:35:11	Delete
4	Tuesday	prog	0	2022/12/01 09:53:54	Delete

Here we are at the modules page this page holds and show cases data from our SQL database and what the user will soon insert from themselves. Let's start off with the "List of Modules" table this holds data for modules they ID, code , name, credits, our per week, weeks, start date, current hours, selfstudy hours and selfstudy left. The id is made self by the web app as a primary key to better keep track of the data. Code and name are very much self-explained as they are the names and codes of the modules, credits is how much credits a module gives, hours per week is the number of hours per week, weeks re the weeks in a semester and start date is the start date of the semester. Current hours how much hors of self-study has already been spent on a module, selfstudy hours is the calculations that one needs to do once credits hours per week and weeks have been calculated together and self-study left is how much current hours has been minus from selfstudy hours. The edit and delete button are also self-explained as the delete button will not only delta the module or reminder from the web app but also the SQL Database, the edit button will users to edit already existing modules. If you click the blue button named "New modules" it will take you to a new page that allows you to insert more modules. The "Reminder for set Days" table is used as the new technology to remind user that they have self-study on certain days. The ID work just like the modules table as a primary key the day and module code are easy to understand as they say what for each module and the study hours is there to show the user on how much self-study they have for a day. The data created is self-generated on the day that the session was created by the user and helps keep track when last it was updated by the user so they know whether or not they fulfilled the study.

New modules

New Modules

Code	CLDV6212
Name	Programming 2B
Credits	15
Weeks	2
Hours Per Week	3
Start Date	8 Oktober 2021
Current_Hours	2

New Module Added Successfully   ✕
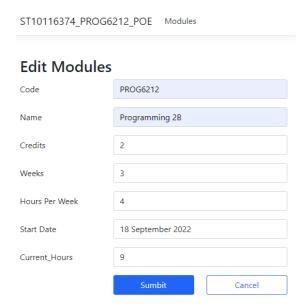
Sumbit	Cancel

Here we have the new modules page were user can insert new data as they wish. For code and name you can insert anything that can be considered as string variable but please enter what the program is asking, as well start date. Credits code, hours per week and current hours have to be hole number but credits week's hour per week can't be zero as this will break the SQL database because they can't divide by zero. Current hours can be zero as a user might not have done any hours yet. Once the user has finished inserting the data they can click submit which will bring a success message if it was inserted to the database and they can click modules at the top right to return the main page or the "cancel" button.

New set day

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New Set Day

Day	Tuesday
Module Code	prog
Study hours for the day	5

Sumbit   Cancel

And this the new set day this will allows user to set a day for self-studding and how much they wish to study for the user can input any day formate into day text box and the module code doesn't need to be the same to an already existing module. The only thing the user should watch out for is that if the study hours for the day aren't a whole number or not a number then it will be a zero. The same applies as the new module page submit to insert the data into the database and cancel at top left modules to take you back to the main page.

Edit Modules

ST10116374_PROG6212_POE   Modules

Edit Modules

Code	PROG6212
Name	Programming 2B
Credits	2
Weeks	3
Hours Per Week	4
Start Date	18 September 2022
Current_Hours	9

[Sumbit]   [Cancel]

This page allows the user to edit existing modules the same insert rules as a new module applies and that this page could be used to update already done user hours as a quick update system. The same goes for submitting once the user has entered all the required fields they can click the blue "Submit" button and then either submit again or use the "cancel button" at top left modules to take you back to the main page.

Once the user has done all they need they can close the app like they would any website in there browser by clicking the exit button on the top right. The data shall persist and will be here again when the user opens the app again.

Thank you for using this app

Reference/Code attribution

Create ASP.NET Core Web Application with SQL Server Database Connection and CRUD Operations, 2022. YouTube video, added by BoostMyTool. [Online]. Available at: https: https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5Dl8956-oK_4s-5HVFrgQYf9k4&index=15&t=708s [Accessed 28 November 2022]