



UTHM

Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

(FSKTM)

SEMESTER I 2024/2025

WEB DEVELOPMENT

BIC 21203

SECTION 04

LAB ASSIGNMENT 05B

TITLE

SERVER-SIDE SCRIPTING (PHP) – CRUD FORM

LECTURER

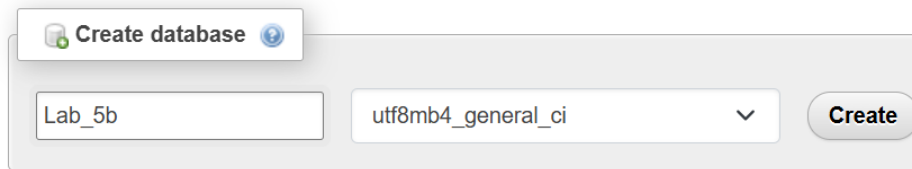
Dr. NUR ARIFFIN BIN MOHD ZIN

NAME	TUAN KHALIDAH SYAZWANA BINTI TUAN MOHD KASMAWI
MATRIC NUMBER	AI220118
DATE SUBMISSION	December 25, 2024
EMAIL	ai220118@student.uthm.edu.my

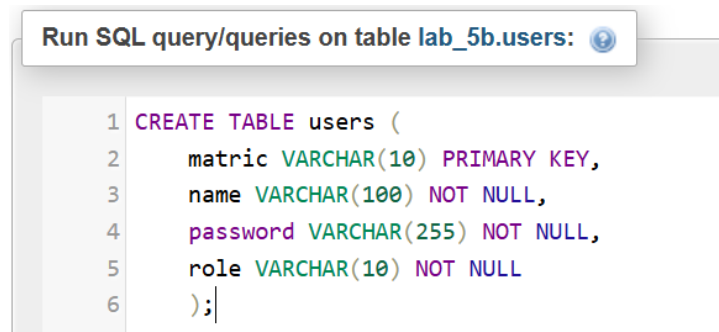
Topic	Web page development using PHP
Domain of Learning	Psychomotor (P2: Set; P3: Guided Respond; P4: Mechanism)
Learning objective	<ol style="list-style-type: none"> 1. To evaluate the response in order to solve the problem as required. (P2) 2. To evaluate the skill of how the web page is developed whereas using the code/tags correctly. (P3) 3. To evaluate the value added of creativity/knowledge/skill in web page development. (P4)
Lab activity objective	To use the combination of HTML tags and PHP scripting properly based on the suitable requirement of a case study.

Instruction: Answer all questions.

1. Create a database named `Lab_5b` in PhpMyAdmin (or equivalent).



2. Create a table named `users` based on the following information shown in Figure 1 and Figure 2.

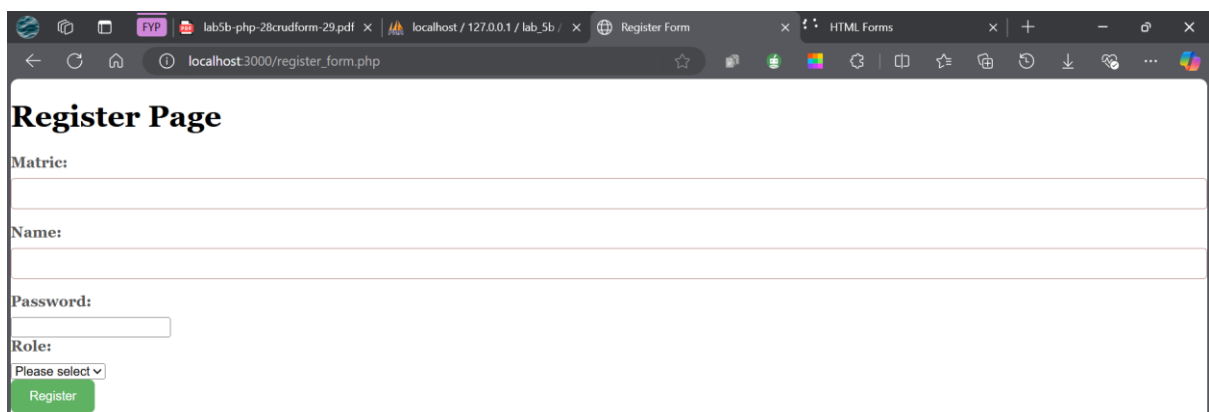


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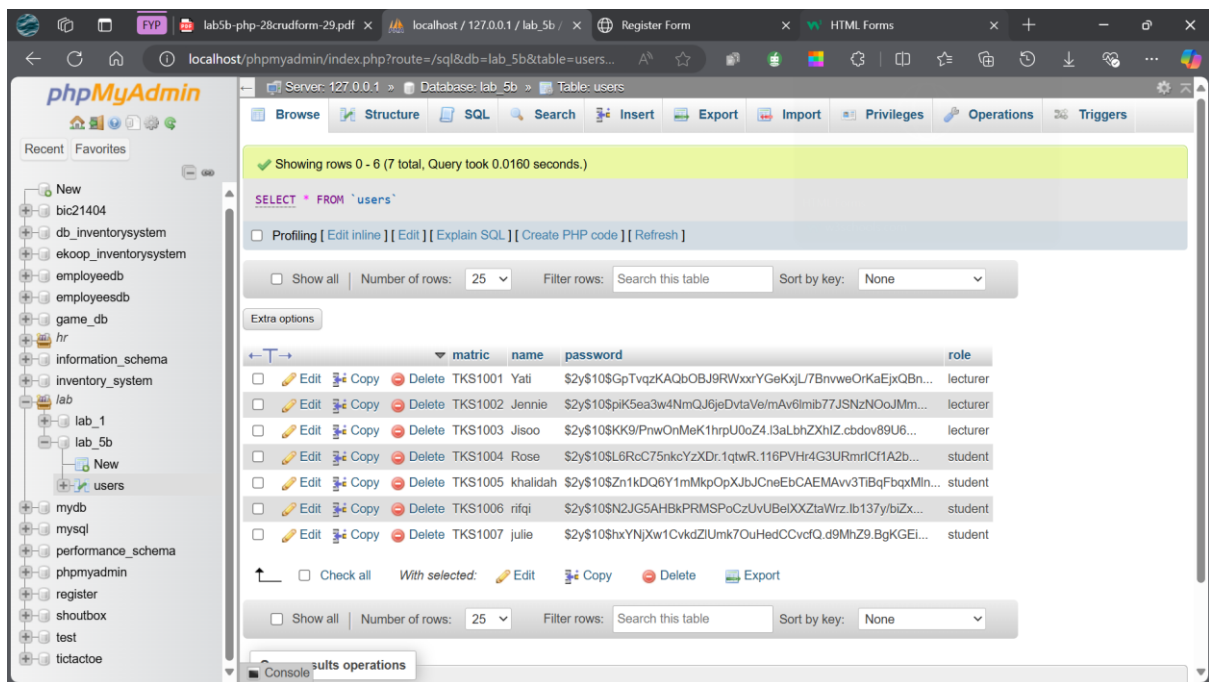
1 CREATE TABLE users (
2   matric VARCHAR(10) PRIMARY KEY,
3   name VARCHAR(100) NOT NULL,
4   password VARCHAR(255) NOT NULL,
5   role VARCHAR(10) NOT NULL
6 );

```

3. Create a registration page with its PHP script to insert the data into `users` table as shown in Figure 3.



4. Add some data into the `users` table from the form created in Question 3.



5. Create a page with its PHP script to display the `matric`, `name`, and `role` from the `users` table as shown in Figure 4.

The screenshot shows a web browser displaying a table with the following data:

Matric	Name	Level
TKS1001	Yati	lecturer
TKS1002	Jennie	lecturer
TKS1003	Jisoo	lecturer
TKS1004	Rose	student
TKS1005	khalidah	student
TKS1006	rifqi	student
TKS1007	julie	student

6. Create a login page with its PHP script to log in to the page in **Question 5** when authentication is successful and display an error message when the authentication fails, as shown in Figure 5 and Figure 6. The login page should have a link to the registration page as in **Question 3**.

The screenshot shows a web browser with two tabs. The first tab, titled 'Login Page', shows a form with 'Matric:' and 'Password:' labels, a 'Submit' button, and a link to 'Register here if you have not.' The second tab, titled 'authenticate.php', shows an error message: 'Invalid username or password, try [login](#) again.'

7. Modify the page created in Question 5 to add the Update and Delete functions as shown in Figure 7 and Figure 8.

The screenshot shows a web browser displaying a table of users. The table has four columns: Matric, Name, Level, and Action. The Action column contains 'Update' and 'Delete' links for each user.

Matric	Name	Level	Action
TKS1001	Yati	lecturer	Update Delete
TKS1002	Jennie	lecturer	Update Delete
TKS1003	Jisoo	lecturer	Update Delete
TKS1004	Rose	student	Update Delete
TKS1005	khalidah	student	Update Delete
TKS1006	rifqi	student	Update Delete
TKS1007	julie	student	Update Delete

The screenshot shows a web browser displaying an 'Update Page'. The form includes a 'Matric' field with the value 'TKS1005', a 'Name' field with the value 'Liza', and a 'Role' dropdown menu with 'Student' selected. There are 'Update' and 'Cancel' buttons at the bottom.

8. You may refer to https://github.com/ariffinmzin/webdev_week_10_2_20232024.git for the code.
9. Add a session on every page (except the registration page), so every page cannot be accessed without login.
10. You are free to add any styling using CSS/Bootstrap.
11. Push your code on GitHub upon completion.
- 12. For submission, submit a PDF on Author containing the screenshot of your web page and your GitHub repository link.**

<https://github.com/wanai220118/LAB5B>