

Lab #5b: SERVER-SIDE SCRIPTING (PHP) – CRUD FORM

Topic	Web page development using PHP
Domain of Learning	Psychomotor (P2: Set; P3: Guided Respond; P4: Mechanism)
Learning objective	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.

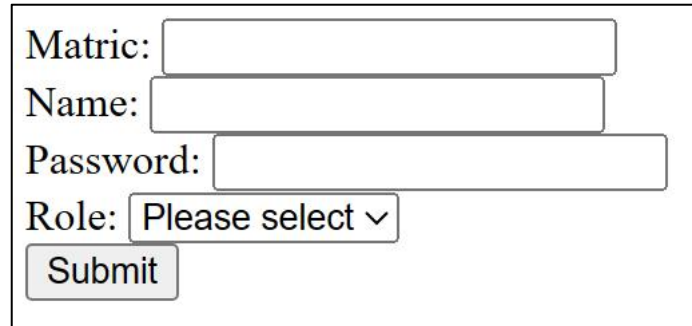
Field	Type	Length
<code>matric</code>	<code>VARCHAR</code>	10
<code>name</code>	<code>VARCHAR</code>	100
<code>password</code>	<code>VARCHAR</code>	255
<code>role</code>	<code>VARCHAR</code>	10

Figure 1

```
CREATE TABLE users (
  matric VARCHAR(10) PRIMARY KEY,
  name VARCHAR(100) NOT NULL,
  password VARCHAR(255) NOT NULL,
  role VARCHAR(10) NOT NULL
);
```

Figure 2

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



Matric:

Name:

Password:

Role:

Figure 3

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

Registration successful!

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

Matric	Name	Level
02000	Nur Ariffin Mohd Zin	lecturer
A100	Ahmad	student
A101	Abu	student
A103	Ahmad bin Abu	student

Figure 4

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**

Matric:

Password:

Login

[Register](#) here if you have not.

Figure 5

Invalid username or password, try [login](#) again.

Figure 6

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

Matric	Name	Level	Action	
02000	Nur Ariffin Mohd Zin	lecturer	Update	Delete
A100	Ahmad	student	Update	Delete
A101	Abu	student	Update	Delete
A103	Ahmad bin Abu	student	Update	Delete

Figure 7

Update User

Matric
 Name
 Access Level
 [Cancel](#)

Figure 8 Update user

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.
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.**

ANSWER

```
] Collapse Requery Edit Bookmark Database : Queried time : 21:41:28
CREATE TABLE users (
    matric VARCHAR(10) PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    password VARCHAR(255) NOT NULL,
    role VARCHAR(10) NOT NULL
);
```

Registration Page

Matric:

Name:

Password:

Role:

Registration Page

Matric:

Name:

Password:

Role:

Lecturer
Student

Registration successful!

Register User

Matric:

Name:

Password:

Role:

Have an account? [Login](#) here.

Login Page

Matric:

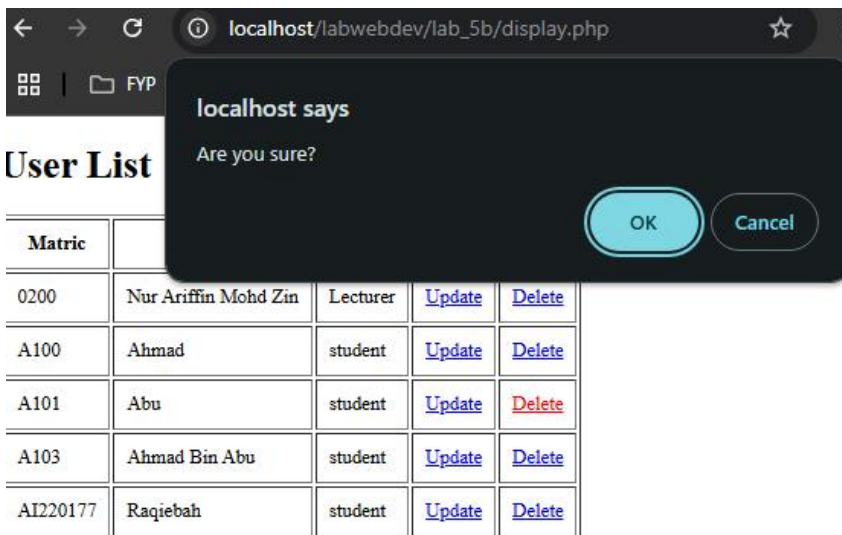
Password:

Login Successful

Welcome back! You are now logged in.

User List

Matric	Name	Role	Actions	
0200	Nur Ariffin Mohd Zin	Lecturer	Update	Delete
A100	Ahmad	student	Update	Delete
A101	Abu	student	Update	Delete
A103	Ahmad Bin Abu	student	Update	Delete
AI220177	Raqiebah	student	Update	Delete



The screenshot shows a web browser window with the URL `localhost/labwebdev/lab_5b/display.php`. A dark modal dialog box is displayed in the center, titled "localhost says" with the message "Are you sure?". It contains two buttons: "OK" and "Cancel". Behind the dialog, the "User List" table is visible, showing the same data as the previous table. The "Delete" link for the user with Matric "A101" is highlighted in red.

Update User

Matric Number:

Name:

Role: ▼

GitHub repository link: <https://github.com/rqbhrza/BIC21203-Web-Development---Lab-5b.git>