# **Creating webpage, SQL Database, and Toggle Function- XMAPP Server**

# **Step 1: Set Up the Development Environment**

* Install XAMPP to run a local Apache server and MySQL database
* Open the XAMPP Control Panel and start Apache and MySQL services.
* Create php file inside the htdocs directory (e.g., C:\xampp\htdocs\index.php).

# **Step 2: Create the MySQL Database and Table**

* + Open http://localhost/phpmyadmin in your browser.
  + Create a new database called “user\_data”
  + Inside this database, create a table called 'users' with the following columns:

|  |  |  |
| --- | --- | --- |
| **Column** | **Type** | **Description** |
| id | INT | Primary Key, Auto-Increment |
| name | VARCHAR(100) | Stores user name |
| age | INT | Stores user age |
| status | TINYINT | Stores 0 or 1 to represent status |

* SQL to create the table: CREATE TABLE users ( id INT AUTO\_INCREMENT PRIMARY KEY, name VARCHAR(100),age INT,status TINYINT DEFAULT 0);

# **Step 3: Build the Web Form Using HTML and CSS**

* Create a file called **index.php**.
* Add an HTML form with name and age inputs and a Submit button
* Add CSS styles to format the form and table nicely.

# **Step 4: Connect to MySQL Using PHP**

* Use PHP to connect to the user\_data database using mysql
* Write PHP code to insert form data into the users table when the form is submitted.

# **Step 5: Display Data from Database**

* After inserting data, use PHP to fetch all records from the users table.  
  Display the data in an HTML table under the form.

# **Step 6: Add Toggle Button for Status**

* Add a 'Toggle' button (or link) next to each row in the table.
* When clicked, the status (0 or 1) for that specific user will be updated in the database.
* Use $\_GET['toggle'] in PHP to detect which record to update.

# **Step 7: Update Page Dynamically**

* After toggling, refresh the page to immediately show the updated status.
* Make sure the user sees the change without needing to re-submit the form.