



Assignment 1 (User Registration webpage)

Students number: 6 Students	Deadline: Friday 11-04-2025 @11:00 PM – Submission link will be posted on classroom
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Design a registration web page that inserts user data into MySQL database, the details are as follow:

1. The form includes a user personal detail: **full_name, user_name, phone, WhatsApp number, address, password, confirm_password, user_image, and email**. Use the appropriate client-side validations. (All fields mandatory, email and full_name are correct types, password match with confirm_password and is at least 8 characters with at least 1 number literal and 1 special character) [Client-side VALIDATIONS]
2. Include a header and footer pages of your own design inside the registration webpage.
3. Maintain a **User's** table in the database to check if the username is not registered before. If the user inputs a username that exists before, the form alerts the user to choose another username [Server-side VALIDATIONS] → Use AJAX
4. Upload the user image (the image will be stored on the server while the image name is stored in the database or store both of them in the database).
5. Beside the **WhatsApp number** field add a button that checks if the number is a valid WhatsApp number using a third-party MDBI API “<https://rapidapi.com/finestoreuk/api/whatsapp-number-validator3>” (shown in the figure below). You need to alert the user of the WhatsApp number is valid or not.

Project Structure:

You need to have 6 php pages providing different **classes**:

- a. "Header.php": will include the header.
- b. "Footer.php": will include the footer.
- c. "Index.php": will be your main page and will include header and footer.
- d. "DB_Ops.php": will include your DB functions like connection and Insert and Select. Also, it will handle any checking server side.
- e. "Upload.php": will include your code for processing the uploaded image.
- f. "API_Ops.php": will include all the necessary code to connect to the API **or** JavaScript File "API_Ops.js": will include all the necessary code to connect to the API.

Hint:

- Connecting to an API can be implemented using PHP or JavaScript, therefore you can use any of them.

Notes:

- Your project needs to have:
 - A file "Team members.txt" that includes Team members' name and IDs
 - A backup of your database
- Make sure that all the project files are in one compressed folder zip/rar and named "Your_team_number-ASSIGNMENT-1" e.g. 15_ ASSIGNMENT-1
- Your_team_number (can be found on the list in the classroom)
 - <https://docs.google.com/spreadsheets/d/1i7chBa5Ep-BP1P-E6GO7Jdl-EpcbeFQh6oNdNBkDH90/>

Grading Rubrics:

The grading for this project will be broken down as follows:

1. Following the project structure and all the necessary pages (1 mark).
2. Required client-side validations listed (2 marks).
3. Supporting AJAX [checking if username exists in database or not] (2 mark).
4. Including header and footer pages in index page (1 mark).
5. Using WhatsApp Validator API (2 marks).
6. Inserting the user data in database (1 mark).
7. Uploading the user image [Image is saved on the server and image name including extension is save on the DB] (1 mark).