Faculty of Computers and Artificial Intelligence – Cairo University
IS333 Web based information systems
Spring 2023

Assignment 1 (Registration webpage)

Students number: Min 5 – Max 6 (groups must be in the same lab)	**Deadline**: 15 April

Design a registration web page that inserts a user data into MySQL database, the details are as follow:

1. The form includes a user personal detail: **full_name, user_name, birthdate, phone, address, password, confirm_password, user_image, and email**. Use three appropriate client-side validations. (All fields mandatory, email and birthdate 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.

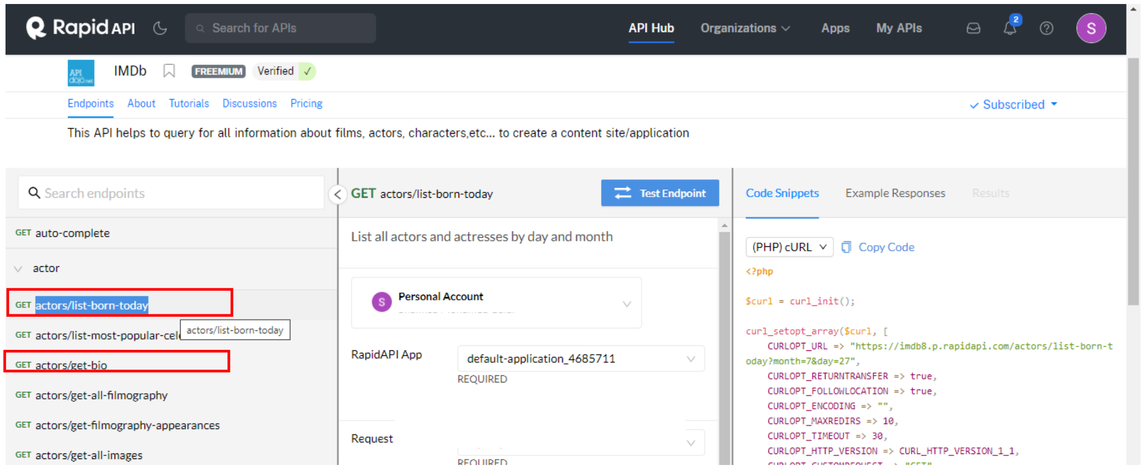
3. Maintain a **User's** table in the database to check if the username is not registered before. If the user inputs a username that exists before, the form alerts the user to choose another username [Server-side VALIDATIONs]

4. Upload the user image (the image will be stored on the server, while the image name is stored in the database).

5. Beside the **birthdate** field add a button that checks actors born in the same day using a third-party MDBI API "[https://rapidapi.com/apidojo/api/imdb8/"](https://rapidapi.com/apidojo/api/imdb8/) (shown in the figure below)

   You need to show the list with actor's names born on the same day.

Hint: using the "actors/list-born-today" endpoint retrieves a list of actors born in a same input day. Using the "actors/get-bio" endpoint retrieves actor details by passing an actor ID.



This API helps to query for all information about films, actors, characters,etc... to create a content site/application

List all actors and actresses by day and month

RapidAPI App: default-application_4685711
REQUIRED

REQUIRED

(PHP) cURL

```
<?php

$curl = curl_init();

curl_setopt_array($curl, [
    CURLOPT_URL => "https://imdb8.p.rapidapi.com/actors/list-born-t
oday?month=7&day=27",
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_ENCODING => "",
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 30,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
```

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.

Grading Rubrics:

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

1. Following the project structure and all the necessary pages (3 marks)
2. Required client-side validations listed and server-side validation listed (2 marks).
3. Including header and footer pages in index page (0.5 mark).
4. Using born-in the same day API (2.5 marks).
5. Inserting the user data in database (1 mark).
6. Supporting AJAX (1 mark).
7. Uploading the user image (**1 bonus mark**).