

Question Description

You have been asked to develop a functional web backend using the Laravel framework. Several domains are available to choose from; please select a topic based on the options provided in the table below.

Last digit of your index	Domain
0, 5	Education
1, 6	Health
2, 7	Entertainment
3, 8	Transportation
4, 9	Ecommerce

Ex: If your index is 225013E and the last digit is 3, the domain you should choose is Transportation

Assignment Requirements

1. The project should be developed in the Two-tier architecture (Single page application or SPA with RESTful API)
2. Develop a functional user authentication system that includes:
 - a. A user registration form
 - b. A user login formBoth forms should include essential form validations.
3. Integrate a MySQL database with your backend.
4. Ensure your web backend handles the minimum required number of requests as specified.

Request type	Minimum number of requests
GET	2
POST	2 (User authentication covers this)
PUT	1
DELETE	1

5. Out of all your requests 1/3 of the routes should be protected (guarded) routes.
Ex: If you are covering only the minimum number of Request endpoints which is 6, 2 endpoints should be protected.
6. Include at least one of the following,
 - a. Role-Based Access Control (RBAC),
 - b. Claim-Based Access Control (CBAC) or
 - c. WebSocket

Assignment Deliverables

Submit your project as a ZIP file, including the following:

1. Link to your GitHub (or equivalent platform) repository with the project files. The repository should be a public repository.
2. Screenshots of working API requests, using an API testing tool like Postman to demonstrate your results.
3. Screen recorded video of your project (Video duration should not exceed 2 minutes)

Deadline: December 13, 2024