Question Description

You have been asked to develop a Mobile application using the React Native framework (React Native CLI or Expo). 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	Sports & Fitness

Ex: If your index is 214013E and the last digit is 3, the domain you should choose is Transportation

Assignment Requirements

1. Develop a functional user authentication system that includes:

    a. A user registration form

    b. A user login form

    Both forms should include essential form validations and use hooks to handle the form data.

2. The app needs to handle simple navigation using a third-party library (ex: react-native-navigation or expo-router). After the user logs in, they should navigate from the login page to the home page using navigation. Pass the username from the login page to the home page, where it will be visible in the top bar of the home page.

3. Create an item list page as the home page with a relevant data set (display items in a card view, including an image, status tag, title, and description). Data needs to be fetched from a publicly available test API. Example for public API - https://free-apis.github.io/#/

4. Create a floating button at the bottom of the screen that shows the count of item clicks made by the user in the list. To save the count value, use a simple state management library (e.g., Context API, Zustand, or Redux).

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. Provide screenshots of all the pages you have implemented for the assignment.

3. Screen recorded video of your project (Video duration should not exceed 2 minutes)

Deadline: December 13, 2024