

Assignment Task

Assignment Description: Build a User Management Dashboard

Task Overview:

Create a web application featuring a user management dashboard with two tabs: **User Details** and **Account Creation**. The User Details tab will display user information fetched from a database in a searchable table format, allowing users to search for specific entries. The Account Creation tab will consist of a form for username and password input.

Requirements:

1. User Details Tab:

- Fetch user data from a placeholder database.
- Implement a searchable table displaying user information: Username, Email, Phone, ID, and Creation date.
- Enable a click action on any user in the search results to open a popup/modal with a button to generate a report for the selected user.

2. Account Creation Tab:

- Create a form with fields for username and password.
- Implement dummy request handling upon form submission.

3. Dashboard Interface:

- Design a clean and intuitive dashboard layout with two tabs: User Details and Account Creation.

4. Tech Stack:

- Use either React or Vue.js for frontend development (Vue.js is preferred).
- Implement styling using CSS/SCSS/SASS or Tailwind CSS (Tailwind CSS is preferred) without relying on any component libraries.
- Optional but preferred: Use SSR (Server-Side Rendering) with Next.js or Nuxt.js.
- Aim for a high Lighthouse score, striving for a score between 90 and 100 to optimize user experience.

5. Submission:

- Create a public Git repository containing your project code.
- Share the link to the repository for evaluation.

Evaluation Criteria:

Your assignment will be evaluated based on the following criteria:

- **Functionality:** Ensure all features are implemented according to the requirements.
- **Code Quality:** Write clean, maintainable, and well-documented code.

- **User Interface:** Design an intuitive and responsive user interface for the dashboard and forms.
- **Search and Popup:** Implement an efficient search functionality and a functional popup/modal for generating reports.
- **Performance:** Aim for a high Lighthouse score (between 90 and 100) to demonstrate optimal user experience.
- **Version Control:** Properly use Git for version control, and provide clear instructions for running the project locally.

Feel free to reach out if you have any questions. Good luck with your assignment!

