

Senior Frontend Developer (Vue.js) - Evaluation Assignment

Objective: This assignment is designed to assess the technical and architectural skills of a Senior Frontend Developer using Vue.js. The focus is on state management, API integration, Vuetify usage, basic authentication, and navigation between views.

Assignment Requirements:

1. **Project Setup**
 - Create a Vue 3 project.
 - Install and configure Vuetify for UI components.
2. **Authentication (Fake Login)**
 - Create a login page with Vuetify UI components.
 - Accept username and password as input fields.
 - On clicking the login button, validate that both username and password are **admin**.
 - If valid, navigate to the Home page; otherwise, show an error message.
3. **State Management**
 - Use Pinia (recommended) or Vuex to manage authentication state and user session.
 - Store login status in the global state and protect routes accordingly.
4. **Pages and Navigation**
 - Implement 3 pages using Vue Router:
 - Home
 - Categories
 - Products
 - Use Vuetify's navigation drawer or toolbar for routing.
5. **API Integration**
 - Fetch and display data using Axios from <https://jsonplaceholder.typicode.com/>:
 - Categories: Use **/users** endpoint
 - Products: Use **/posts** endpoint
 - Display data in a Vuetify **v-data-table** or cards.

Bonus Points:

- Implement route guards for protected pages.
- Apply basic responsive design principles.
- Use composition API and proper folder structure.

Submission Guidelines:

- Push the code to a public GitHub repository.
- Share the repository link with a short README on how to run the project to abdelrahman@vartur.com with subject: Vartur: **Frontend Developer Assignment**.

Evaluation Criteria:

- Code structure and cleanliness
- Proper usage of state management
- UI/UX using Vuetify
- API handling and error management
- Routing and navigation

Duration: 3-5 Days