Tevvo Build - Software Developer Intern Challenge

Objective:

Build a **responsive Vue.js web application** that fetches and displays data from a public API. Include **user authentication**, write **unit tests**, and deploy the app. This challenge is designed to evaluate your understanding of modern front-end development practices.

Requirements:

1. Functionality

- Build a Vue.js app that interacts with a **public REST API** of your choice. Examples:

    - https://restcountries.com

    - https://api.coingecko.com

    - https://openweathermap.org/api

    - https://pokeapi.co

- Implement **login functionality**:

    - Use any mock backend (e.g., Firebase Auth, Supabase, or a simple mock login logic with JWT simulation).

    - After login, the user can access the main content.

- Main features to include:

    - Data fetching from the API (e.g., list of countries, coins, Pokémon, etc.)

    - Display results in a **responsive** grid or list

    - Search/filter capability

    - Details page for individual items

2. Technical Requirements

- Use **Vue 3**

- Use **Vue Router**

- Add **unit tests** for at least:

  - One utility or service

- Testing Frameworks: Jest or Vitest (preferred)

- Provide a **test coverage report** and include a screenshot of the results in your repository

3. Optional Enhancements (Bonus Points)

- Use a **state management** solution

4. Deployment

- Deploy your application to any free service:

  - Netlify

  - Vercel

  - Firebase Hosting

5. Submission Instructions

- Submit your completed project within **2 weeks**

- Host your code on a **public Git repository** (GitHub)

- Include:

  - A **README.md** file explaining:

    - Setup instructions

- - - Live demo link

    - Auth implementation

    - Testing instructions & screenshot of the test coverage report

  - Send the repository link to: **tevvoplans@gmail.com**

Deadline:

Submit your challenge **within 14 days** from the day you receive this brief.