## **Coding Test: Full-Stack Platform Development**

### **Objective**

Your task is to build a full-stack web platform with any **backend**, a **Vue.js front end**, and a **MySQL database**. The application should have a clean and user-friendly UI with essential **Create, Read, Update and Delete functionalities**.

You are free to choose the project type (e.g., a task manager, expense tracker, job board, inventory system, etc.), but ensure it meets the requirements below.

### **Requirements**

#### **1. Core Functionality**

* Implement a platform with at least **one main entity** (e.g., "Tasks" for a task manager).
* Provide **CRUD operations** (users should be able to add, view, edit, and delete records).
* Use **MySQL** as the database.
* The back end can be in any language and expose a **RESTful API**.
* The front end must be in **Vue.js** and consume the API.
* The UI should be **clean, responsive, and intuitive**.
* Design a unique login page as well (Authentication optional)

#### **2. Code and Documentation Requirements**

* Provide **clear instructions** on how to run the project. The project **will not be assessed if it does not run**.
* Include a **README.md** with:
  + Project setup instructions
  + Any environment variables needed
* Write **clean, modular, and maintainable code** with comments where necessary.

#### **3. Bonus Points (Optional Enhancements)**

* Implement authentication (prefer onsite registration)
* Originality and innovation will be evaluated.

### **Submission Instructions**

* Submit a **GitHub repository link or any git repository link with the complete project**. (Make sure repository is made public)
* The repository should contain all necessary files, including the database schema and sample data if applicable.
* Ensure all dependencies are listed in package files.

Best of luck! 🚀