



# Practical Test for Software Engineer – Intern

**Time:** 3 hours

You are required to implement a "Supplier Products" system using Laravel or CodeIgniter for the backend and Vue, React, or Angular for the frontend. Please follow the instructions provided below.

1. **Create an 'Add Supplier Details' Form:**
  - Supplier Name
  - Contact Person
  - Mobile Numbers
  - Suppliers can add multiple products (product name, product price, and image).
2. **Upon form submission:**
  - Send the information to the REST API.
  - Create a simple REST API endpoint to receive supplier details with products and add them to the "supplier/products" database.
  - Implement all endpoints for adding, updating, deleting, and listing suppliers.
3. **Develop a separate page to list suppliers (maximum 10 suppliers per page).**
  - Include a global search-box to search suppliers using names and mobile numbers.
  - When a search is conducted, call the API endpoint and display the results on the search page.
4. **Create a Repository on GitHub or Bitbucket:**
  - Include a Readme.md file containing all instructions.
  - Push your code to your repository.

## **Preferred Technologies**

- Backend - Laravel
- Frontend - Vue

**Expected use of Laravel technologies:** Migrations, Seeders, Validation, and Repository Patterns.