

Junior Full-Stack Task (Laravel + Vue.js Dashboard) – JWT Auth Required

E-Commerce Mini System (Products – Orders)

Objective

Build a simplified e-commerce backend using Laravel + JWT Authentication, and a lightweight Vue.js dashboard for management.

PART 1 — Backend (Laravel)

1. Authentication (JWT Required) Endpoints:

POST /api/auth/register (name, email, password)

POST /api/auth/login (email, password)

POST /api/auth/logout

GET /api/auth/me

All endpoints below require a valid token.

1. Products ModuleEndpoints:

GET /api/products

POST /api/products

PUT /api/products/{id} DELETE /api/products/{id}

Business rule:

If stock = 0 → product is out_of_stock.

1. Orders ModuleEndpoint:

POST /api/orders (address, phone)

Requirements:

- Use products in user's cart- Validate stock
- Decrease stock after order
- Clear cart
- Return order number, total, items summary

Backend Deliverables

- GitHub repo
- README with setup + API usage
- Simple DB diagram

PART 2 — Frontend (Vue.js Dashboard)

1. Authentication Pages

- Login Page (store token in localStorage)
- Register Page

2. Dashboard Home

- Display simple statistics:
- Total Products
- Total Orders

3. Products Management Page

- Fetch products from /api/products
- Display them in a table
- Ability to create, update, delete products using API

4. Orders Management Page

- Fetch orders list
- Display orders in a table
- Show order details

Frontend Deliverables

- Vue.js project on GitHub
- Organized components
- README with setup instructions

Expected Time: 2 days