

Laravel Full Stack Developer Task

Project: WooCommerce Product Sync System

Objective

Build a Laravel-based web application where a seller can register, create products, and sync them to their WooCommerce store via API.

Core Features

1. User Authentication:

- Register/Login using JWT or Laravel Sanctum
- Only authenticated users can create/view products

2. Product Module:

- Create product with:
 - Name
 - Description
 - Price
 - Product Image URL (text input allowed)
- View list of own products

3. WooCommerce Integration:

- Sync product to WooCommerce upon creation
- Endpoint: POST /wp-json/wc/v3/products
- Use Basic Auth or OAuth1.0a (Consumer Key & Secret)
- Save WooCommerce Product ID in the DB

Database Tables

- Users: id, name, email, password
- Products: id, user_id, name, description, price, image_url, status, wc_product_id

Bonus Features (Optional)

- Update/delete product and sync to WooCommerce
- Add product status (e.g., Created, Synced, Failed)
- Graceful WooCommerce error handling (retry, logs)
- Basic UI with Laravel Blade or React

Tech Stack

- Backend: Laravel 10+
- Database: PostgreSQL or MySQL
- Auth: JWT or Sanctum
- WooCommerce API: <https://woocommerce.github.io/woocommerce-rest-api-docs/#products>

Deliverables

- GitHub repo with Laravel project
- Seeded test user
- .env.example with WooCommerce placeholders
- README with setup instructions
- (Optional) Postman collection
- (Optional) Local run instructions (ngrok, etc.)