Duy Khanh: Backend and Database (Node.js with Express.js)

1. **User Management (Registration, Login, Social Media Authentication):**
   - Implement user authentication and role-based access (customer/admin).
   - Handle user registration, login, and social media authentication (e.g., Google/Facebook).
   - Manage profile updates (changing passwords, delivery addresses).
2. **Product Management:**
   - Develop APIs for adding, updating, deleting products, and managing product variants.
   - Implement inventory management and product catalog.
   - Ensure that pagination, filtering, and search are functional.
3. **Order Management:**
   - Create APIs for managing customer orders, tracking statuses, and viewing order history.
   - Handle the checkout process, including guest checkout and coupon codes.
   - Send email notifications for order confirmations.

Van Phuc: Frontend (React/Vue/Angular)

1. **Landing Page:**
   - Design and implement the landing page to display products in categories (e.g., phones, laptops, most viewed).
   - Integrate the product catalog with pagination and search/filtering features.
2. **Product and Cart Pages:**
   - Develop product detail pages, including displaying variants and options.
   - Create a shopping cart interface, allowing users to add, remove, and update quantities.
   - Implement checkout UI and integrate with backend APIs for payment and shipping details.
3. **User Dashboard:**
   - Implement profile management features, such as updating user info and viewing order history.
   - Build responsive, user-friendly interfaces for mobile and desktop users.

Anh Khoa: Admin Panel, Deployment, and Bonus Features

1. **Admin Dashboard:**
   - Create a simple and advanced admin dashboard with charts for key metrics (orders, revenue).
   - Manage users, orders, and product inventory from the admin panel.

2. **Marketing and Promotions**:
   - Develop features for coupon management and loyalty programs.
   - Allow product reviews, ratings, and feedback handling.
3. **Deployment and Bonus Features**:
   - Deploy the website using Heroku, Vercel, or Docker Compose.
   - Work on bonus features like separating backend and frontend, using CI/CD pipelines, or integrating AI features (e.g., chatbot, image search).
   - Ensure that the application is horizontally scalable.

Collaboration & Version Control:

- All members will use GitHub for version control.
- Ensure regular commits, code reviews, and clear communication.