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DAY #02

1. Technical Plan:

We will use React.js for a responsive and dynamic Frontend user interface and Node.js with Express for handling API requests and business logic in Backend. MongoDB for storing product, customer, and order data as a Database. Sanity CMS For managing product listings, categories, and content. Payment gateway (e.g., Stripe) and shipping API (e.g., FedEx or UPS).

2. Workflows:

Firstly, The User visits Petify and clicks "Sign Up", Then User enters name, email, and password. System creates a customer profile and logs the user in. User searches for products using the search bar or filters by category (e.g., dog food, cat toys). System displays a list of products with images, prices, and ratings. User adds products to the cart. User proceeds to checkout, enters shipping details, and selects a payment method. System processes the payment and creates an order.

3. Api Requirements:

Product API:

1. **GET /products:** Fetch all products.
2. **GET /products/:id:** Fetch details of a specific product.
3. **POST /products:** Add a new product (admin only).

Order API:

4. **POST /orders:** Create a new order.
5. **GET /orders/:id:** Fetch details of a specific order.

User API:

6. **POST /users/register:** Register a new user.
7. **POST /users/login:** Log in an existing user.
8. **GET /users/:id:** Fetch user profile.

4. Sanity Schema:

Three Files of Sanity Schema is in Day2 Folder

- Product Schema
- Order Schema
- Customer Schema