

Marketplace Technical Foundation - Comforty

Overview

This Docs outlines the technical planning and system architecture for our marketplace. It details the API endpoints and workflows.

Technical Requirements

Frontend Requirements

- User-Friendly Interface: Browsing products should be intuitive.
- Responsive Design: Ensure compatibility with both mobile and desktop users.

Essential Pages

- Home
- Product Listing
- Product Details
- Cart
- Checkout
- Order Confirmation

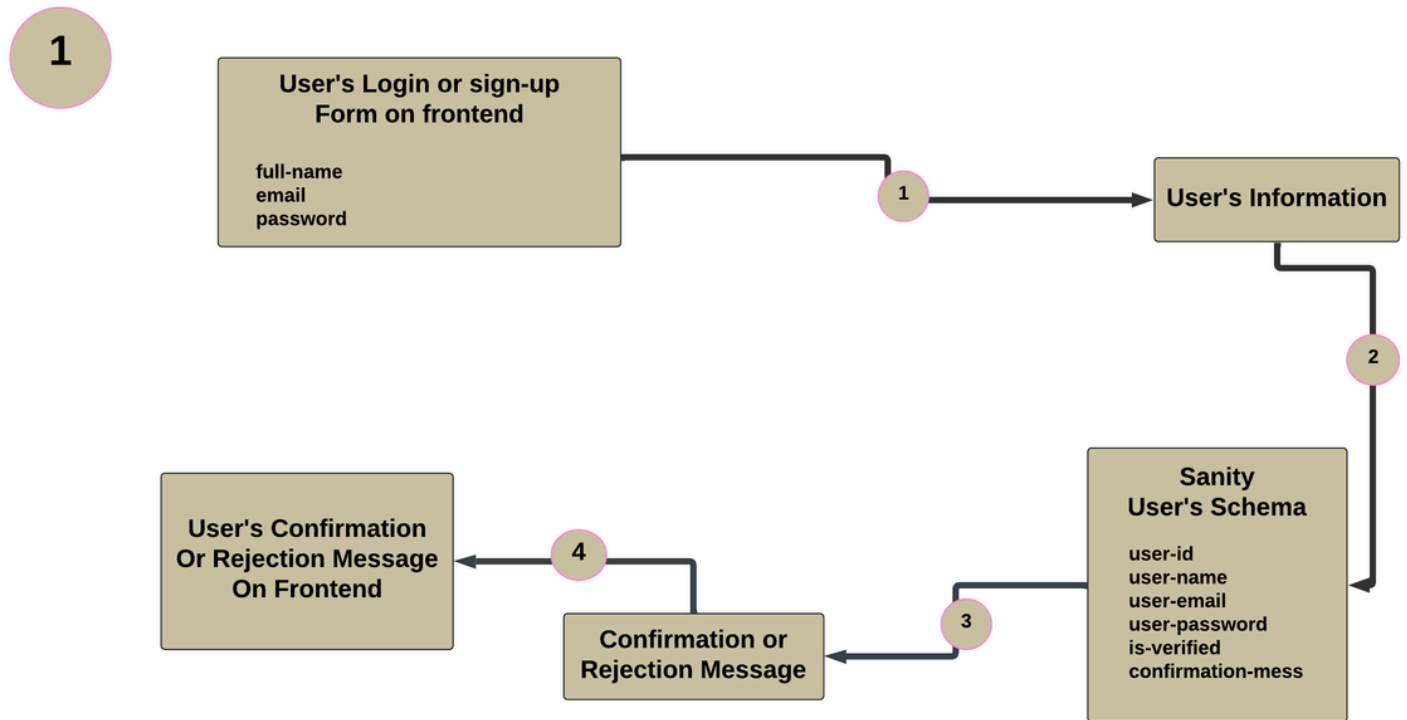
Backend Requirements

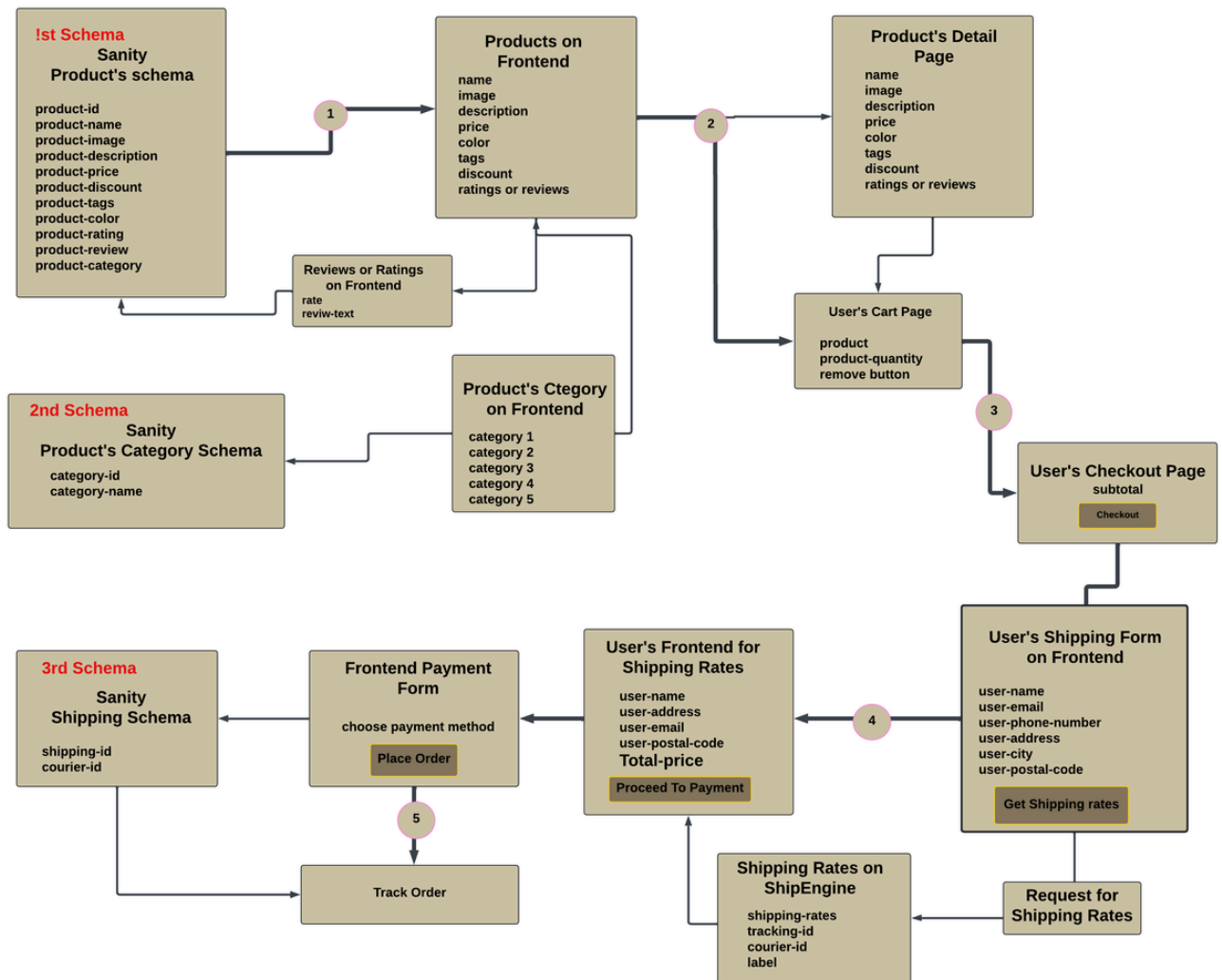
- Sanity CMS:
- Manage product details, customer information, and order records.
- Acts as the database for the marketplace.
- Third-Party APIs: Integration Needs: Shipment tracking, Payment gateways.

System Architecture

Below is a visual representation of the general e-commerce system architecture.

System Arhitecture





API Endpoints and their purpose and Methods

Below are the key API endpoints, their purposes, and methods:

Products

- **Endpoint:** /products
- **Method:** GET
- **Purpose:** Fetch all product details from Sanity CMS.

Categories

- **Endpoint:** /categories
- **Method:** GET

- **Purpose:** Get all product categories.

Users

- **Endpoint:** /users
- **Method:** GET
- **Purpose:** Get user information.

Shipment Tracking

- **Endpoint:** /shipment
- **Method:** GET
- **Purpose:** Fetch shipment status from a third-party API.