E-commerce Project

This document outlines the structure and functionality of an E-commerce platform built using JavaScript. The platform supports four user roles: Admin, Customer, Seller, and Anonymous. Each role has specific permissions and access levels to ensure a smooth and secure user experience.

Roles and Responsibilities

1. Admin (45%)

Admins are responsible for managing the overall platform. Their tasks include monitoring user activities, managing the product catalog, and ensuring compliance with platform policies.

Key Features:

- **User Management**:
  - Add, edit, or remove users (Customers and Sellers).
  - Manage user roles and permissions.
- **Product Management**:
  - Approve or reject products submitted by Sellers.
  - Edit or delete existing products.
- **Order Management**:
  - View and manage all orders.

2. Customer (15%)

Customers can browse, search, and purchase products on the platform. They can also review products and manage their accounts.

Key Features:

- **Account Management**:
  - Register, log in, and update profile details.
  - View order history and track orders.
- **Shopping**:
  - Search for and filter products.
  - Add products to the cart and proceed to checkout.
- **Reviews and Ratings**:
  - Leave reviews and ratings for purchased products
- **Cart and wishlists**

3. Seller (35%)

Sellers can list and manage their products, view their sales, and interact with Customers regarding their products.

Key Features:

- **Product Management**:
  - Add new products with details like name, price, category, and images.
  - Edit or remove existing products.
- **Order Management**:
  - View orders placed by Customers.
  - Update order status (e.g., shipped, delivered).

4. Anonymous User (5%)

Anonymous users can explore the platform with limited access. To make purchases or leave reviews, they need to register.

Key Features:

- **Browse Products**:
  - View product listings and details.
  - Search for specific products.

Technology

- **Frontend**: HTML, CSS, JavaScript (ES5, ES6+)
- **Database**: db.json
- **Version Control**

Deadline:

- **11th January 2025**