

E-Commerce Website

Description

Shop anytime, anywhere! **E-commerce** lets you browse, pick, and buy products, services, or downloads from global businesses.

➤ Benefits for:

- **Businesses:** Wider reach, 24/7 sales, lower costs, data insights.
- **Consumers:** Shop from anywhere, wider selection, competitive prices, easy payments.

Scope

E-commerce revolutionizes shopping boundaries! driven by innovation, it's a global marketplace at your fingertips. With product listings showcasing an extensive selection, secure transactions, personalized accounts, and efficient order management, businesses of all sizes reach you directly. E-commerce is continually evolving, powered by these key components to offer a seamless experience. Forget the crowded stores and embrace a world of shopping redefined, brimming with endless possibilities!

Features

User Management

- 1) User Registration & Account Management
- 2) Logout

Product Management

- 3) Product Listing & Management
- 4) Inventory Management
- 5) Manage Product Discounts & Promotions
- 6) Track Product Performance
- 7) Generate Product Reports

Order Management

- 8) Order Management
- 9) Real-Time Order Tracking
- 10) Order History Access

Shopping Experience

- 11) Product Browsing & Search

- 12) Secure & Flexible Payment Options
- 13) Wishlist Management
- 14) Product Reviews & Ratings

Customer Support

- 15) FAQ (Frequently Asked Questions)

Requirement details with actors (External Entity)

Req #	External Entity	Initial Requirements
1	Customer	Shall be able register for an account with a username and password.
1.1	Customer	Shall be able to update their account information.
1.2	Customer	Shall be able to manage their account preferences.
1.3	System	Shall only allow registered users to place orders.
1.4	Admin/System	Shall allow authorized admins to manage user accounts.
1.5	Admin/System	Shall allow authorized admins to reset or change user credentials.
2	Customer	Shall be able to log out of their account securely.
3	Seller	Shall be able to create and edit product listings.
3.1	Seller	Shall be able to upload product images and videos.
3.2	Seller	Shall be able to set product descriptions, specifications, and pricing.
4	Seller	Shall be able to manage product inventory levels.

Req #	External Entity	Initial Requirements
4.1	Seller	Shall be able to set low-stock alerts to prevent overselling.
5	Seller	Shall be able to create and manage product discounts, promotions, and coupons.
5.1	Seller	Shall be able to define eligibility criteria and duration for promotions.
6	Seller	Shall be able to track product performance data (e.g., sales figures, views, conversion rates).
6.1	Seller	Shall be able to generate reports to analyze product performance
7	Seller	Shall be able to generate reports on product sales, inventory levels, and other relevant data.
8	Customer	Shall be able to view their order details and status.
9	Customer	Shall be able to view real-time order tracking information with estimated delivery date.
10	Customer	Shall be able to reorder items easily from their order history.
11	Customer/Guest	Shall be able to browse product categories and subcategories.
11.1	Customer/Guest	Shall be able to search for products by keyword, brand, price, or other relevant attributes.
12	Customer	Shall be able to securely checkout using multiple payment methods.
12.1	System	Shall comply with PCI (Payment Card Industry) security standards.
13	Customer	Shall be able to add and remove items from their wishlist.

Req #	External Entity	Initial Requirements
13.1	Customer	Shall be able to view their wishlist and easily add items to their cart.
14	Customer	Shall be able to submit product reviews and ratings.
14.1	System	Shall have mechanisms to moderate reviews and prevent abuse.
15	System/Customer	System shall provide a comprehensive FAQ (Frequently Asked Questions) section.