

Experiment No. 01: Prepare an SRS document in line with the IEEE recommended standards for the specified Case Study. (Functional Requirements)

When building an e-commerce website like Amazon, there are a few key functional requirements to consider:

User registration and login

Users need to be able to easily register and create an account. This allows them to save their personal and payment details, place orders, track orders, and maintain a profile.

Product browsing and search

Users should be able to browse products by category, search for specific products, and filter results by attributes like price, brand, rating, etc. An advanced search feature is also useful.

Product details page

Each product should have a detailed page showing:

- Product images
- Description
- Specifications
- Ratings and reviews
- Options to buy (quantity, size, color etc.)
- Add to cart button

Shopping cart

Users must be able to easily:

- View items in the cart
- Update quantities
- Remove items
- Proceed to checkout

Checkout and order

The checkout process should be simple and quick, allowing users to:

- Enter shipping and billing details
- Select shipping method and payment method
- Place the order
- Receive an order confirmation

Order tracking

Users should be able to track the status of their orders, from processing to shipment to delivery. They should also be able to view order history and details.

Shipping and delivery

The website should integrate with shipping carriers to provide users with various shipping options and delivery estimates.

Those are some of the key functional requirements to create an Amazon-like e-commerce website. Hope this helps!