Flipkart Platform Development

EPIC 1: User Management

Feature 1.1: User Registration & Login

User Story 1.1.1

As a new user, I want to register using email or phone number so that I can create an account.

- Tasks:

  - Design registration UI (mobile & web)
  - Implement backend APIs for registration
  - Add validations and error handling
  - Integrate OTP/email verification

User Story 1.1.2

As a registered user, I want to log in securely so that I can access my account.

- Tasks:

  - Create login UI
  - Implement authentication API
  - Add forgot password & reset feature
  - Log failed login attempts

Feature 1.2: User Profile Management

User Story 1.2.1

As a user, I want to update my personal info (name, address, etc.) so that my profile is always up to date.

- Tasks:

  - Design profile UI
  - Implement update profile API
  - Enable image upload for profile picture
  - Validate inputs

EPIC 2: Product Catalog

Feature 2.1: Product Listing

User Story 2.1.1
As a user, I want to browse a list of products by categories so that I can find what I need.

- Tasks:

    - Create category-wise product listing page
    - Build backend service for category filtering
    - Add pagination, sort, and filter options
    - Optimize for performance

Feature 2.2: Product Detail Page

User Story 2.2.1
As a user, I want to view detailed product info so that I can make a buying decision.

- Tasks:

    - Design product detail UI
    - Fetch data like description, price, reviews
    - Show stock status & delivery ETA
    - Add similar products carousel

EPIC 3: Search & Navigation

Feature 3.1: Search Functionality

User Story 3.1.1
As a user, I want to search for products using keywords so that I can find products quickly.

- Tasks:

    - Implement search bar component
    - Build elastic search backend integration
    - Provide real-time suggestions/autocomplete
    - Handle spelling corrections and synonyms

EPIC 4: Cart & Wishlist

Feature 4.1: Shopping Cart

User Story 4.1.1
As a user, I want to add or remove products to a cart so that I can buy them later.

- Tasks:

  - Create cart UI & backend model
  - Sync cart with user account
  - Enable quantity updates
  - Handle price updates or out-of-stock

Feature 4.2: Wishlist

User Story 4.2.1
As a user, I want to save products to a wishlist so that I can buy them in future.

- Tasks:

  - Design wishlist UI
  - Add/remove wishlist backend
  - Enable move to cart option
  - Show wishlist on home/profile