

Flipkart Clone Assignment using Angular

Objective:

Build a Flipkart-style e-commerce web application using Angular. The UI should closely resemble the Flipkart homepage and include core e-commerce functionalities, such as product listing, cart management, checkout, and order history.

Requirements

1. Product List (Flipkart Style)

- Create a component to display products in a grid layout similar to Flipkart's product listing style.
- Each product card should show details like product name, price, image, and an "Add to Cart" button.
- Use colors, fonts, and layout to resemble Flipkart's interface.
- Store the product list in `localStorage` for persistence.

2. Add to Cart

- Each product card should include an "Add to Cart" button.
- On click, add the product to the cart, updating the quantity if it already exists.
- Display a confirmation message when an item is added to the cart.
- Save cart data to `localStorage` so it persists across sessions.

3. Shopping Cart (Flipkart Style)

- Design the cart component to look like Flipkart's cart page, showing:
 - Product image, name, quantity, and total price for each item.
 - Options to increase/decrease quantity and delete items.
 - Display the total cart amount at the bottom.
- Use RxJS with `BehaviorSubject` or `Signals` to manage and observe cart state changes, updating `localStorage` as needed.

4. Checkout (Place Order)

- Add a prominent "Place Order" button in the cart component.

- When clicked:
 - Save the cart items as a new order in `localStorage`.
 - Clear the cart.
 - Display an order confirmation message.

5. Orders Page (Order History)

- Create an Orders page to list all previous orders.
- Each order should display:
 - Order date, list of items with name, quantity, and price, and the total cost.
 - Use a design similar to Flipkart's order history page.
- Load orders from `localStorage`, and use RxJS or Signals for state management.

6. UI Styling to Match Flipkart

- Follow Flipkart's UI for layout, colors, and typography:
 - Use blues, whites, and grays for backgrounds, with similar fonts.
 - Implement Flipkart-like navigation, with a header containing search, cart, and login sections.
 - Include a responsive design that adjusts across mobile, tablet, and desktop views.

7. Optional - Product Categories and Filters

- Add categories and filters (price range, ratings, etc.) to the product list page.
- Allow users to filter products dynamically, similar to Flipkart's filtering options.

Figma Designs:

[https://www.figma.com/design/yun5MRiyXzMF3XqgpHcNyX/Flipkart-Website-%7C-Flipkart-Duplicate-Website-UI%2FUX-\(Community\)?node-id=0-1&node-type=canvas&t=Msdlwlf1s9vBhZq6-0](https://www.figma.com/design/yun5MRiyXzMF3XqgpHcNyX/Flipkart-Website-%7C-Flipkart-Duplicate-Website-UI%2FUX-(Community)?node-id=0-1&node-type=canvas&t=Msdlwlf1s9vBhZq6-0)