EXP No:5A
Simulate the lifecycle stages for UI design using the RAD model and develop a small interactive interface using Axure RP

AIM: The aim is to demonstrate the lifecycle stages of UI design via the RAD model and develop a small interactive interface employing Axure RP.

PROCEDURE:

Phase 1: Requirements Planning

1. Identify Key Features:
    - Navigation: Home, Product Categories, Product Details, Cart, Checkout, Order Confirmation, Order History
    - User Actions: Browsing, Searching, Adding to Cart, Checkout, Tracking Orders
2. Create Requirements Document:
    - List out functionalities and user flow.
    - Define User Stories (e.g., *As a user, I want to view product details after clicking a product*).
    - Document Use Cases for each user action.

Phase 2: User Design

1. Install and Launch Axure RP:
    - Download and install from the official website.
    - Launch the application.
2. Create New Project:
    - Go to File → New.
    - Name the project as *Shopping App Interface*.
3. Create Wireframes:
    - Drag UI components from the widget library.
    - Design wireframes for:
        - Home Page
        - Product Categories
        - Product Listings
        - Product Details
        - Cart
        - Checkout
        - Order Confirmation
        - Order History
4. Add Interactions:
    - Select a button → Go to Properties → Add OnClick interaction.

- o Link navigation from one page to another.
5. Create Masters:
    - o Create reusable components like Header, Footer.
    - o Use them across multiple pages.
6. Add Annotations:
    - o Add descriptive notes to each element using the Notes panel.
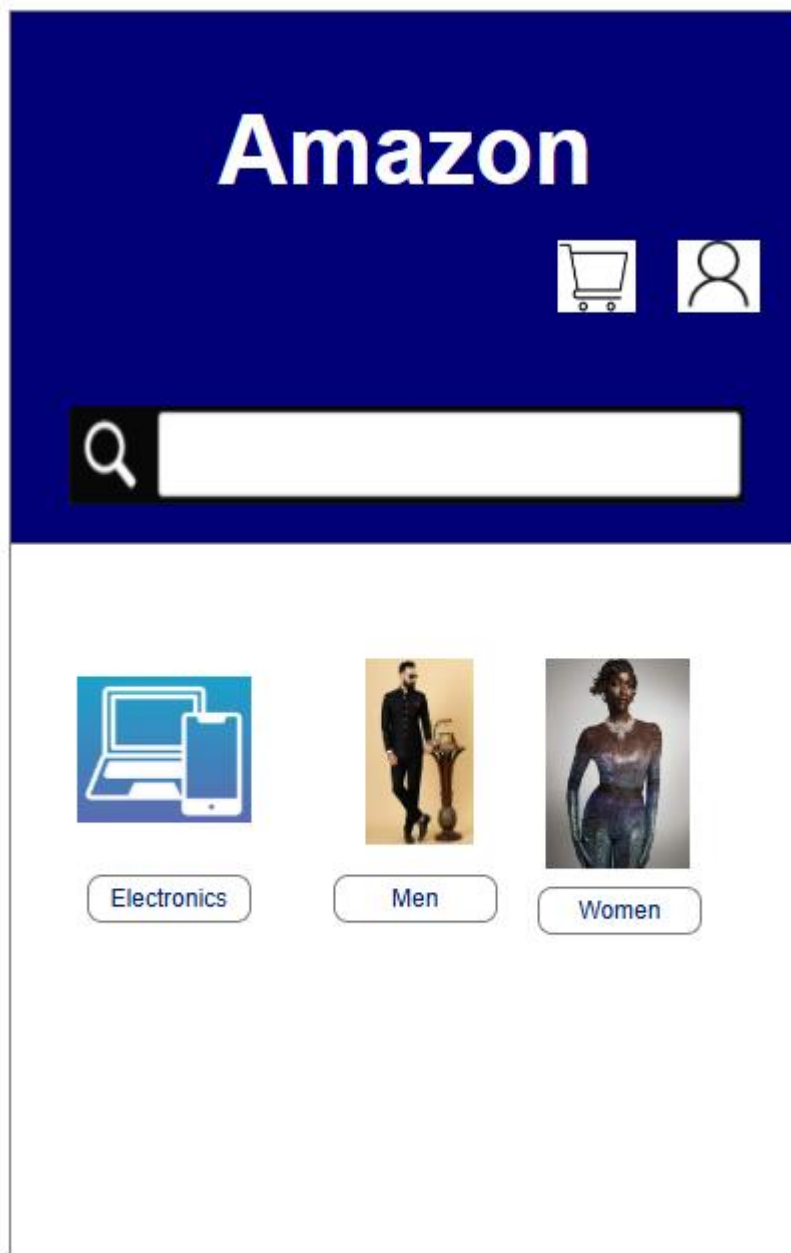
Phase 3: Construction

1. Develop Interactive Prototypes:
    - o Convert wireframes into clickable prototypes.
    - o Use dynamic panels for carousels/popups.
2. Test and Iterate:
    - o Use the Preview button to test.
    - o Share with stakeholders and collect feedback.
    - o Refine the design based on feedback.

Phase 4: Cutover

1. Finalize and Export:
    - o Finalize interactions and visual elements.
    - o Export to HTML or share via Axure Cloud link.
2. User Training and Support:
    - o Conduct demo/training for users.
    - o Provide user documentation for reference.
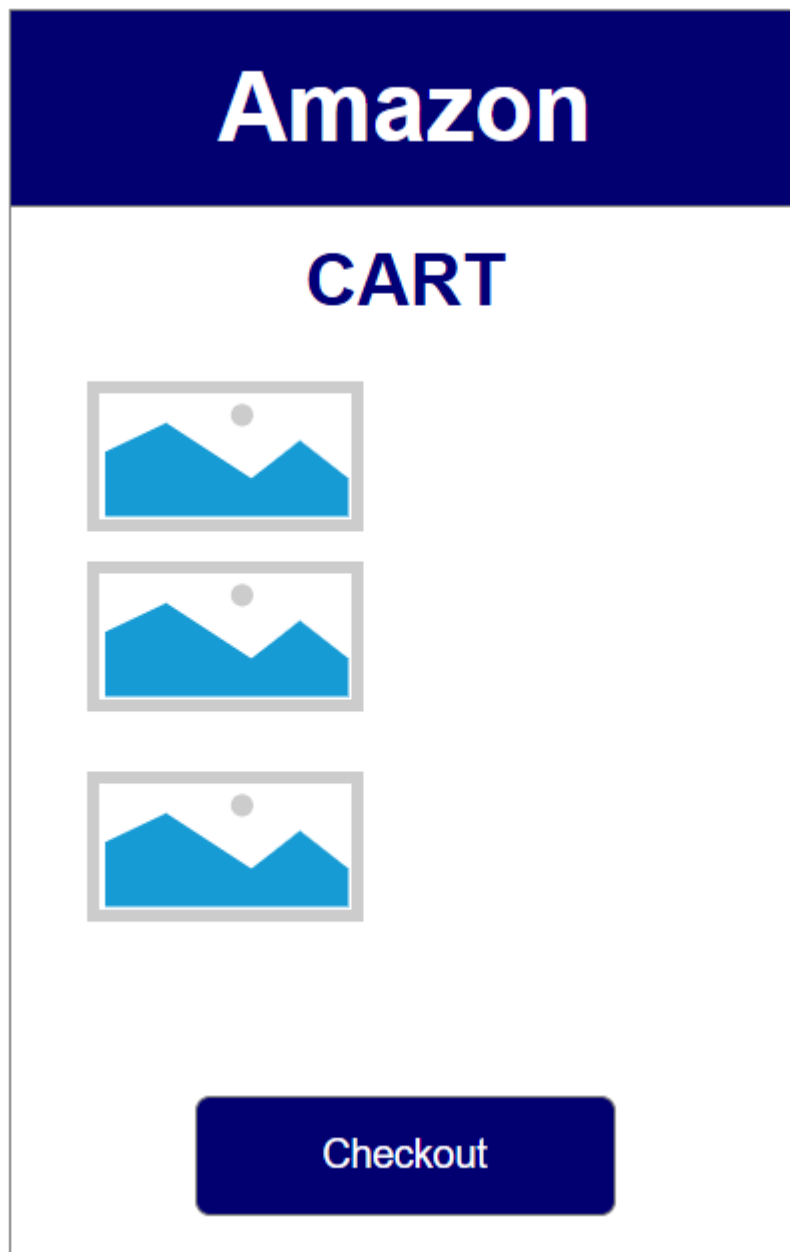
Amazon

Women's Fashion

Dress XY

Sizes :

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Buy now

Add to cart

View Cart

RESULT:

The UI for the Shopping App was successfully designed using the RAD model. Interactive wireframes were developed in Axure RP and shared with stakeholders. Feedback was incorporated through iterations. The final prototype was deployed via Axure Cloud, and users were trained to interact with the system.