Experiment-6
Food Delivery UI using RAD Model

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Tool Used: AXURE RP

Introduction:

Designing an effective user interface (UI) focuses on making apps easy to navigate, visually appealing, and user-friendly. In this exercise, I explored the **Rapid Application Development (RAD)** model, a process emphasizing fast prototyping, user feedback, and continuous improvement.
For this project, I designed a **Food Delivery App UI** using Axure RP, covering key screens such as Home, Food Categories, Food Listings, and Order Placement.
The goal was to apply each RAD phase systematically while developing an interactive food ordering experience.

Applying the RAD Model to UI Design

Phase 1: Requirements Planning

In this phase, I gathered all necessary requirements and identified the main features essential for a smooth user experience.

Key Features:

- Search functionality for finding food items quickly
- Highlighting food promotions (e.g., discounts, offers)
- Displaying food categories and items visually
- Easy selection of food items
- Order placement and confirmation flow.

Phase 2: User Design

Tool Used: Axure RP
Project Title: Food Delivery App Interface

I designed wireframes and interactive prototypes for the following screens:

1. **Home Page**
   - Search bar for food items
   - Featured promotions (carousel style)
   - Categories like Breakfast, Salad Veggie, etc.
   - Popular food items with discounts
2. **Food Categories Page**
   - List of categories with images and descriptions
3. **Food Listing Page**
   - Visual listing of food items under selected category
4. **Order Summary Page**
   - Selected items with quantity and price details
   - "Order Now" button for final placement

Interactive Features:

- Buttons that simulate page transitions
- Category tiles linked to respective food lists
- Carousel for promotional banners
- Order placement navigation flow.

Phase 3: Construction

After completing the wireframes, I enhanced them by adding interactions and transitions in Axure RP.

What I built:

- All screens linked with **OnClick** events
- Smooth navigation from Home → Category → Food Listing → Order Summary
- Realistic order flow simulated step-by-step
- Dynamic panels used for carousel transitions

Phase 4: Cutover

In the final stage, I finalized the prototype and made it ready for presentation and feedback collection.
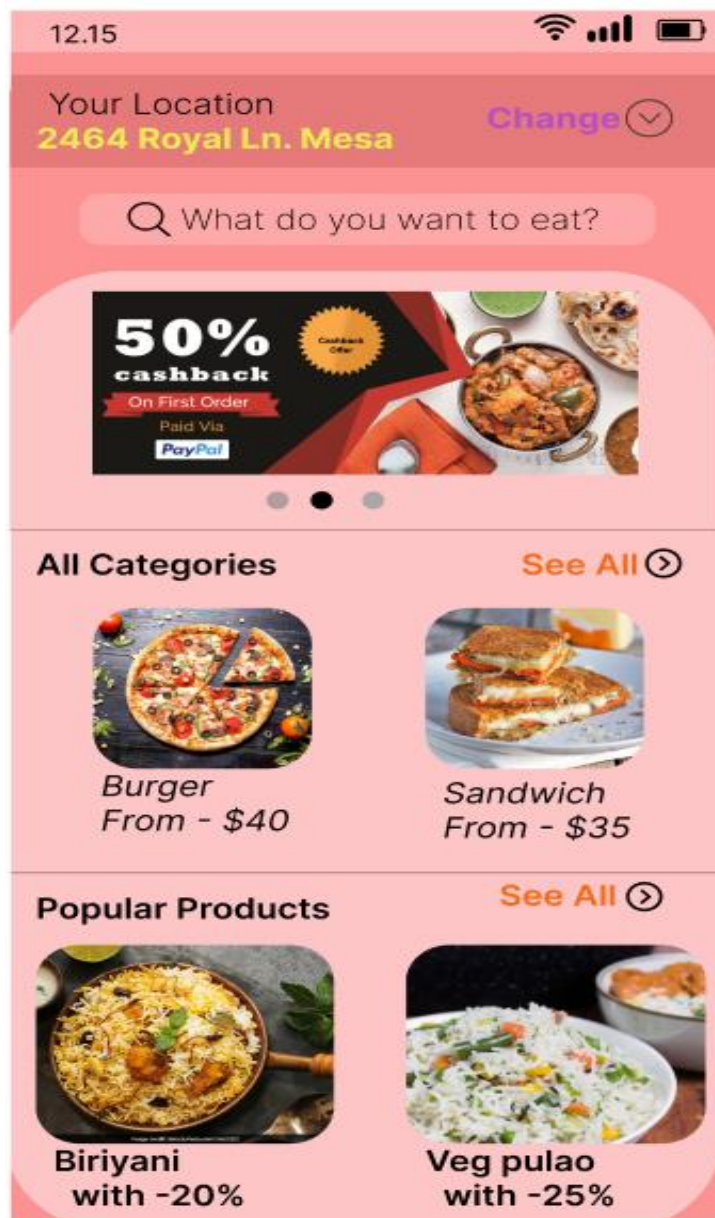
Deployment:

- The project was exported via Axure Cloud
- Shared for review with classmates and instructors.

Screens Overview

Page	What It Does
Home	Displays search bar, promotions, and categories
Category	Lists different types of food available
Food Listings	Displays items under selected category
Order Summary	Shows selected items and allows order placement

Conclusion:

This project provided a great practical experience in implementing the RAD model for UI development.
Using **Axure RP**, I was able to quickly create prototypes, gather feedback, and refine the user interface to enhance the overall food ordering experience.
The RAD process helped achieve a smooth and engaging design while maintaining fast development and iteration cycles.