

Simulate the lifecycle stages for UI design using the RAD model and develop a small interactive interface using Axure RP

Requirements Planning

Identify essential features:

- Search functionality for products
- Categorized product browsing (Furniture, Home Decor, Kitchen Utensils, Bath Towels, Books, Gift Cards)
- Display of featured products with price tags
- Bottom navigation bar for easy access to Home, Categories, Favorites, Cart, and Profile

Define key user actions:

- Searching for products
- Exploring categories
- Viewing featured products
- Navigating between different sections of the application

User Design

Design the home screen with:

- A clear and centered application title "RooneyShop"
- A prominent search bar encouraging product discovery
- Visual categories with descriptive labels and high-quality images
- A dedicated section for Featured Products, each product card containing an image, name, and price

Ensure user-friendly design by:

- Using rounded corners for images and cards
- Applying a clean, minimalistic white background for better focus on products
- Utilizing consistent and bold fonts for section headers

Bottom navigation bar designed with icons and labels:

- Home, Categories, Favorites, Cart, and Profile (Me)

Construction

Create interactive elements:

- Clicking on categories leads to filtered product listings
- Tapping on a product opens detailed product information
- Search bar accepts input for live product searches

- Cart functionality is easily accessible at all times

Maintain structured layering:

- Separate layers for header, search bar, category cards, product listings, and bottom navigation
- Organized naming conventions for faster updates and refinements

User Feedback Collection

Share the designed mockup with users and collect feedback on:

- Visual appeal and color balance
- Ease of navigation between sections
- Clarity of product presentation
- Usability of search and navigation features

Analyze responses and suggest improvements if necessary.

Refinement and Finalization

Based on feedback, refine the layout:

- Adjust spacing, margins, or icon sizes for better touch responsiveness

- Enhance the visual hierarchy to highlight popular or promoted products



RooneyShop



🔍 Search for products...

Categories



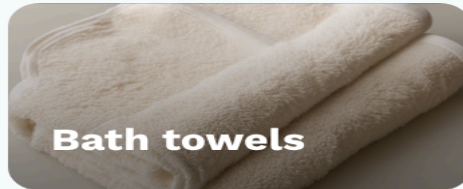
Furniture



Home decor



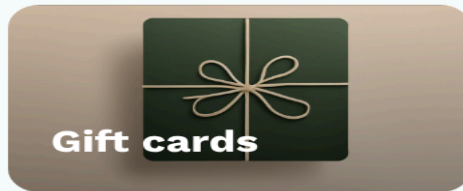
Kitchen
utensils



Bath towels



Books



Gift cards

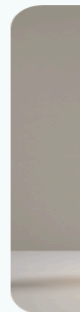
Featured Products



Accent chair
\$1,200



Sofa
\$4,500



Floor lamp
\$400



Home



Categories



Favorites



Cart



Me

