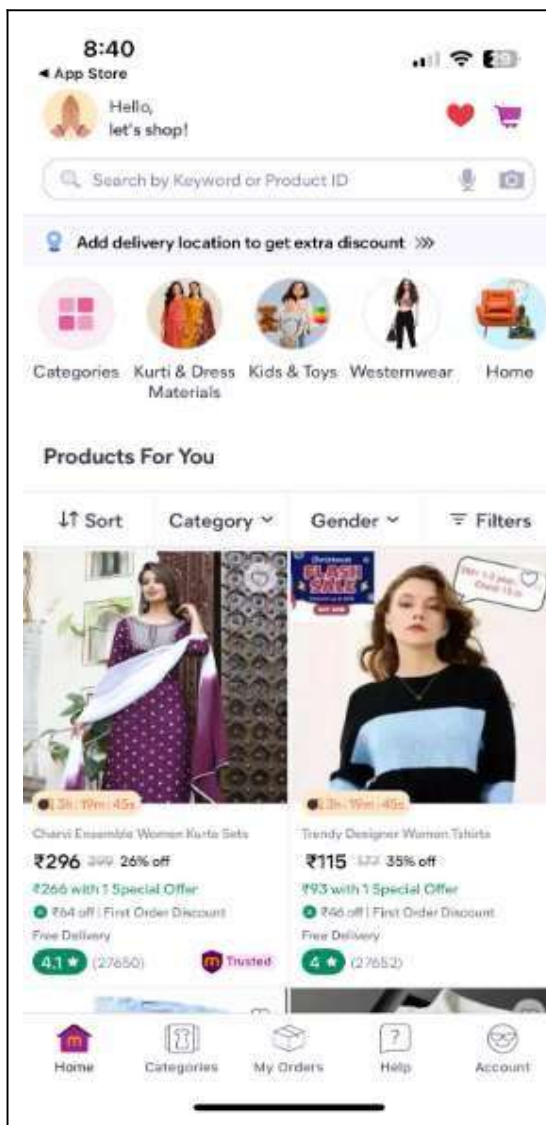# MPL LAB

Name: Palak Chanchlani          Class: D15A          Roll no: 05

**Aim:** Selecting features for application development, the features should comprise of:

1. Common widgets
2. Should include icons, images, charts etc.
3. Should have an interactive Form
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database



**Home Page:**
- Search bar for quick product search
- Featured categories and products
- Latest deals and discounts
- User account and sign-in options
- Personalized recommendations
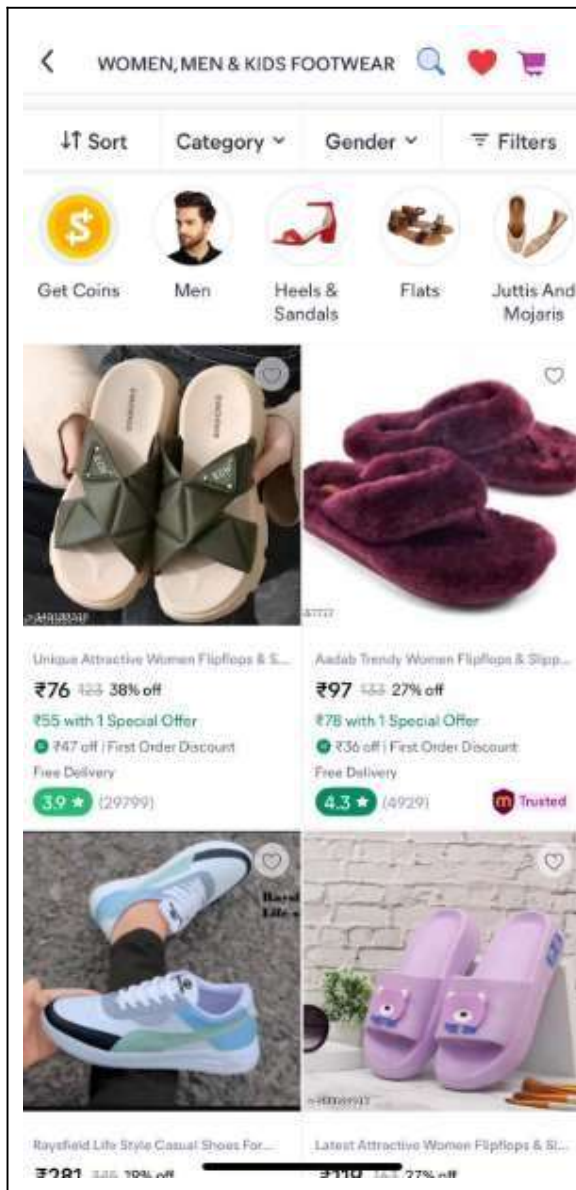
## Product Listing Page:

- Filter and sort options (price, rating, popularity, etc.)
- Product images and brief descriptions
- Product ratings and reviews
- Price display and discount information
- Pagination for navigating multiple products
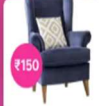
**Login Page Features:**

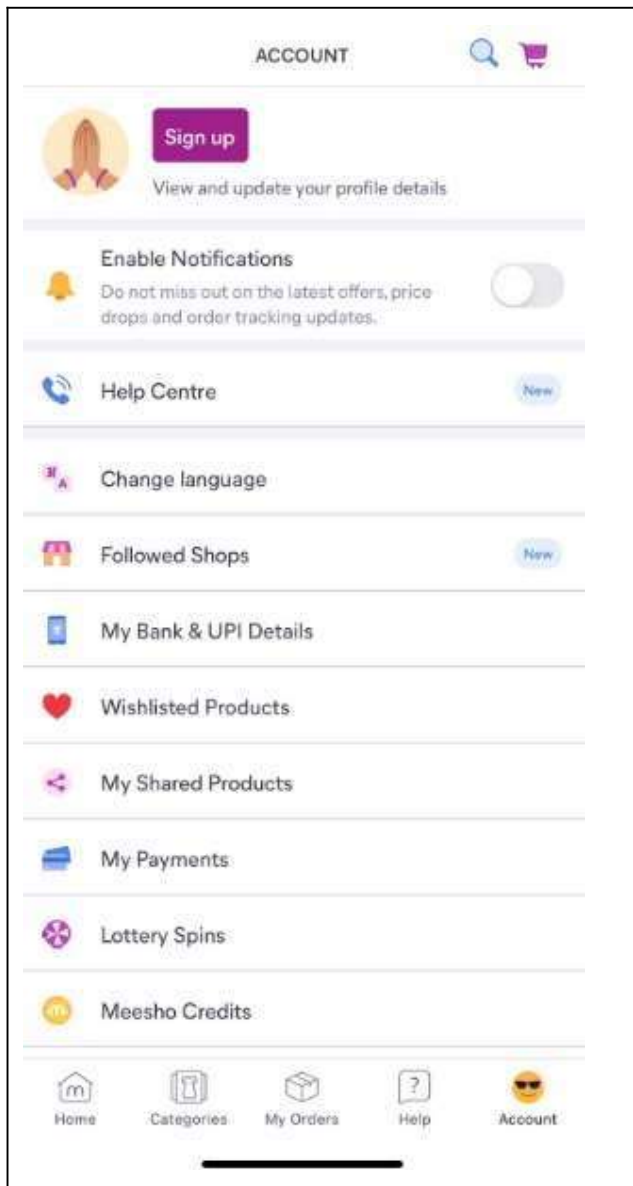1. **User Authentication** – Login via **Email & Password**, **Google Sign-In**, or **OTP**.
2. **Form Validation** – Ensures valid input before submission.
3. **Forgot Password** – Allows users to reset passwords via email.
4. **Social Login** – Quick access using Google Sign-In.
5. **Smooth UI** – Responsive design using Material UI.
6.

**Firebase Usage in Project:**

- **Firebase Authentication** – Manages user login/signup securely.
- **Firestore Database** – Stores users, products, cart, and orders.
- **Firebase Storage** – Saves product images and profile pictures.
- **Cloud Messaging (FCM)** – Sends order updates & notifications.
- **Firebase Analytics** – Tracks user behavior & popular products.

**Shopping Cart Page:**

- List of selected products with images and brief descriptions
- Option to update quantities or remove items
- Total price calculation including taxes and discounts
- Proceed to checkout button
- Save for later or wishlist options

## Select Payment Method

**Pay online & get EXTRA ₹43 off**

PAY ONLINE

UPI | Pay by any UPI App · Offers Available ⌄

Wallet ⌄

Debit/Credit Cards ⌄

Net Banking ⌄

PAY IN CASH

Cash on Delivery ✓ ⌃

₹ Pay cash on delivery ◉

## Checkout Page:

- User details and shipping address form
- Payment options (credit/debit card, net banking, UPI, etc.)
- Order summary and total amount
- Apply coupon code for discounts
- Place order button

**ACCOUNT**

Sign up
View and update your profile details

**Enable Notifications**
Do not miss out on the latest offers, price drops and order tracking updates.

**Help Centre** — New

**Change language**

**Followed Shops** — New

**My Bank & UPI Details**

**Wishlisted Products**

**My Shared Products**

**My Payments**

**Lottery Spins**

**Meesho Credits**

Home | Categories | My Orders | Help | Account

**User Account Page:**

- User profile and personal information
- Order history and tracking
- Address book for multiple shipping addresses
- Payment methods and saved cards
- Wishlist and saved items