National Institute of Technology, Tiruchirappalli
Department of Computer Applications
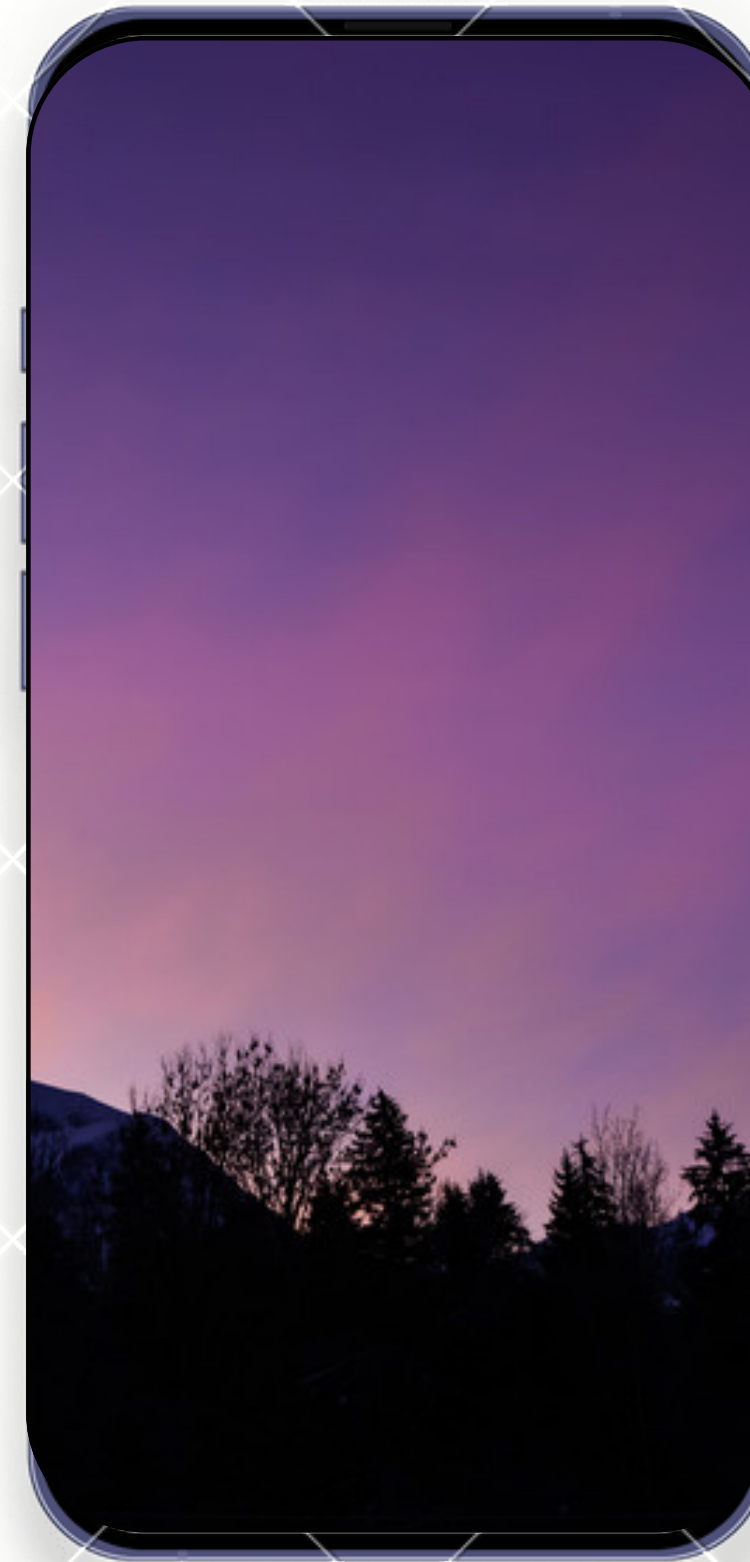Tiruchirappalli, Tamil Nadu

MetaMarket

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Introduction

The MetaMarket is an all-in-one platform that combines e-commerce products and services from various professions.

Product
E-commaerce, working tolls etc.

Services
Plumbing, Electrical, Carpentry, Painting, Cleaning, cook, etc.

Problem Statement

❌ Limited Access to Services

Not everyone knows the wide range of professional service persons from different domains

❌ Limitation of E-commerce

If a person purchases any product like a TV or AC from an online marketplace, the installation will require some workers.

❌ Limitation of Service providing app

Service-providing applications typically do not offer products; however, our application distinguishes itself by providing both services and products to enhance the overall experience for customers and workers
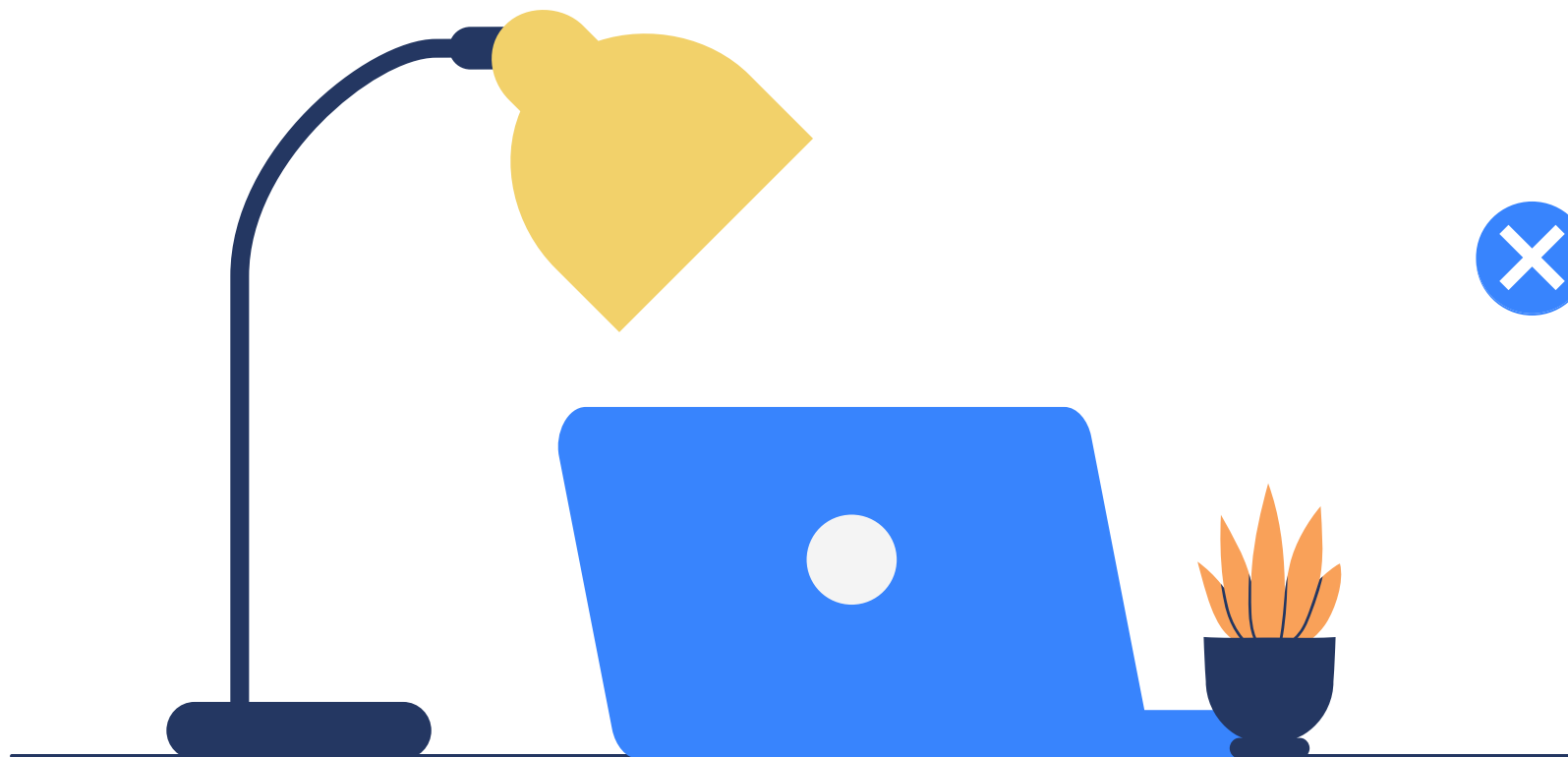
Tools and Technologies

- Android Studio
- Visual Studio Code
- Flutter
- Dart Programming
- Firebase Database

Modules

Admin

Admin Hierarchy, Account Information, CRUD of Products/Services, Worker verification, and Products/Services Suggestions.

Employee

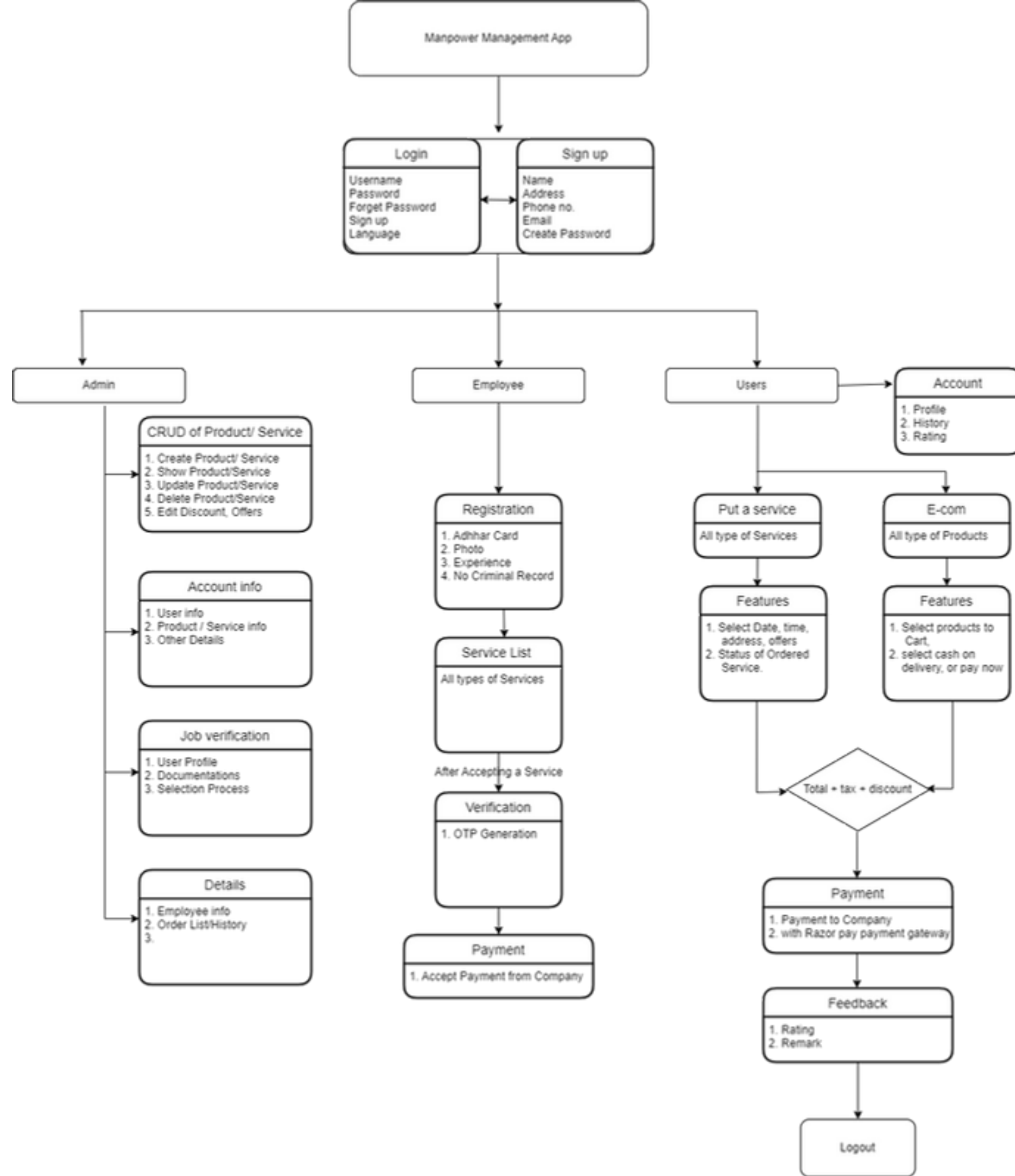Registration, Service list, Verification, Payment.

Customer

Sign-up, Login, User Account, Book service, Cancel service, E-commerce, Add to cart, Payment, Log-out, and Feedback.

ER Diagram

Manpower Management App

Login
- Username
- Password
- Forget Password
- Sign up
- Language

Sign up
- Name
- Address
- Phone no.
- Email
- Create Password

Admin

Employee

Users

Account
1. Profile
2. History
3. Rating

CRUD of Product/ Service
1. Create Product/ Service
2. Show Product/Service
3. Update Product/Service
4. Delete Product/Service
5. Edit Discount, Offers

Account info
1. User info
2. Product / Service info
3. Other Details

Job verification
1. User Profile
2. Documentations
3. Selection Process

Details
1. Employee info
2. Order List/History
3.

Registration
1. Adhhar Card
2. Photo
3. Experience
4. No Criminal Record

Service List
All types of Services

After Accepting a Service

Verification
1. OTP Generation

Payment
1. Accept Payment from Company

Put a service
All type of Services

Features
1. Select Date, time, address, offers
2. Status of Ordered Service.

E-com
All type of Products

Features
1. Select products to Cart,
2. select cash on delivery, or pay now

Total + tax + discount

Payment
1. Payment to Company
2. with Razor pay payment gateway

Feedback
1. Rating
2. Remark

Logout

Customer Module

The Customer module in the MetaMarket focuses on enhancing the user experience and convenience. It allows customers to manage their profile, view and update their profile image, access their shopping cart, view their service and product history, provide valuable feedback, and log out securely. This module ensures that customers have a seamless and personalized experience while interacting with e-commerce products and services.
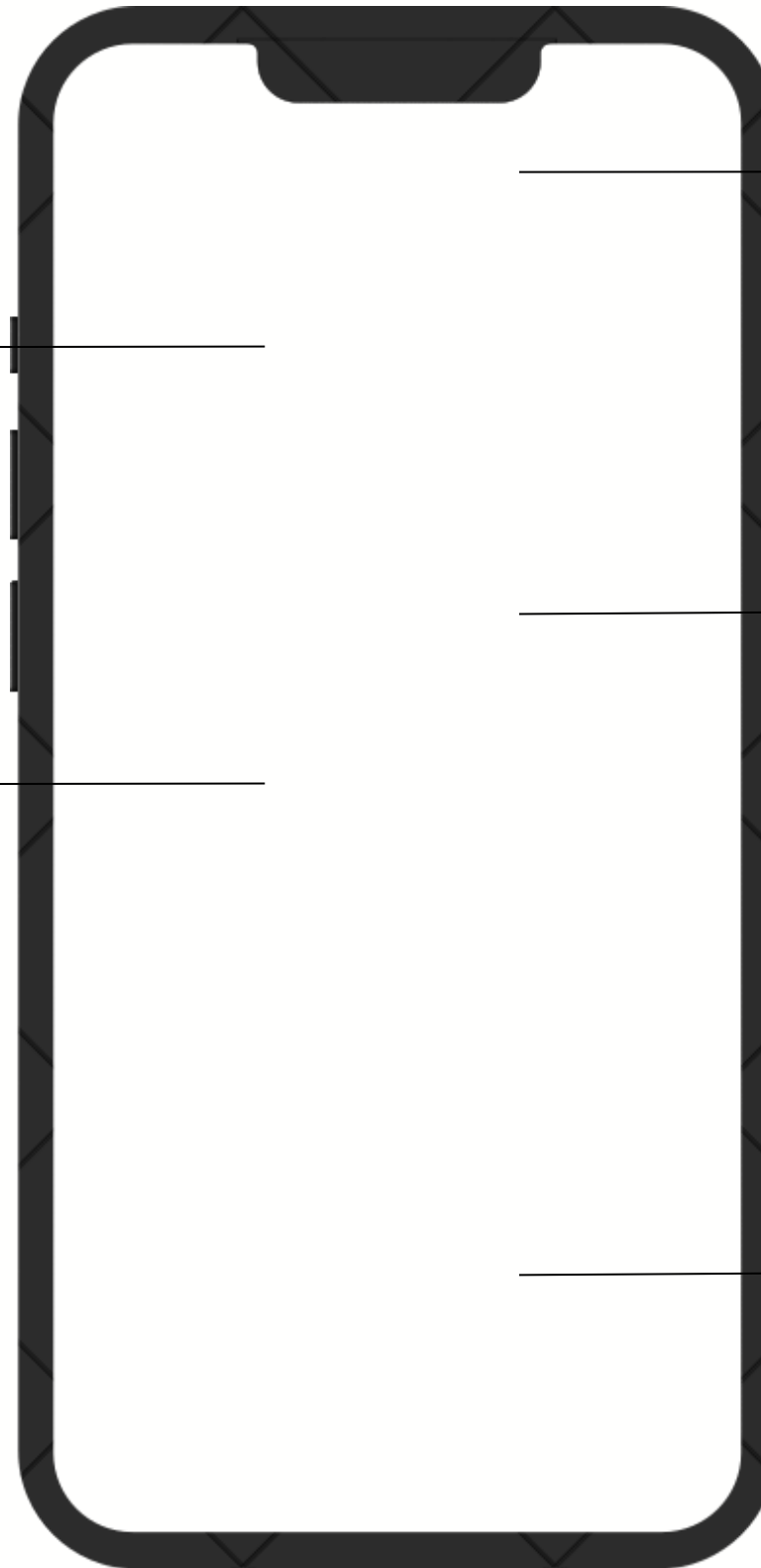
Features

Login & Signup
- Firebase email and password authentication method

Services
- Search service option
- Booking Service
- Cancel Service

Product
- Search Products
- Add to cart option
- Checkout

User Profile
- Profile photo
- Complete your profile
- Complete your profile
- Service History
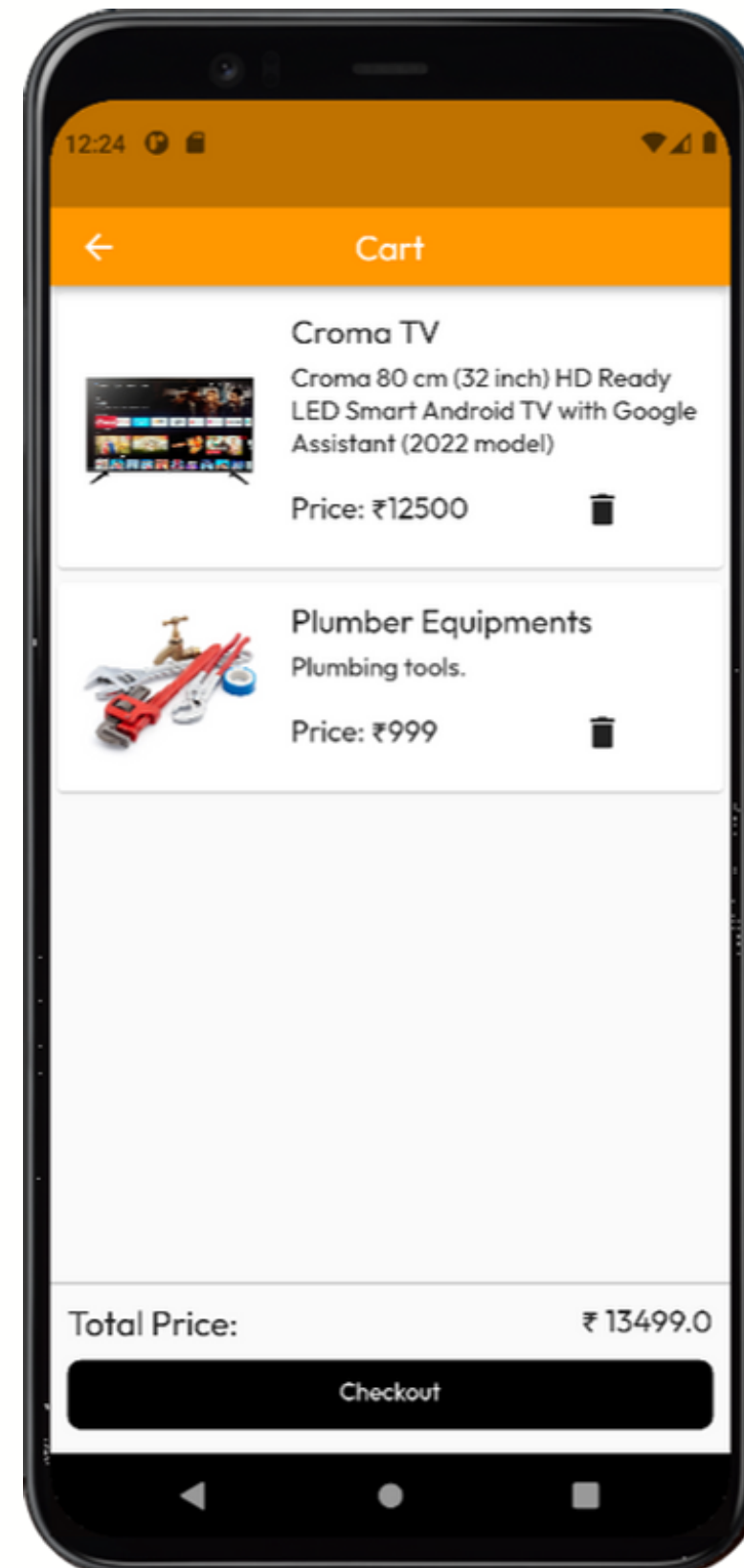- Product History
- Log out

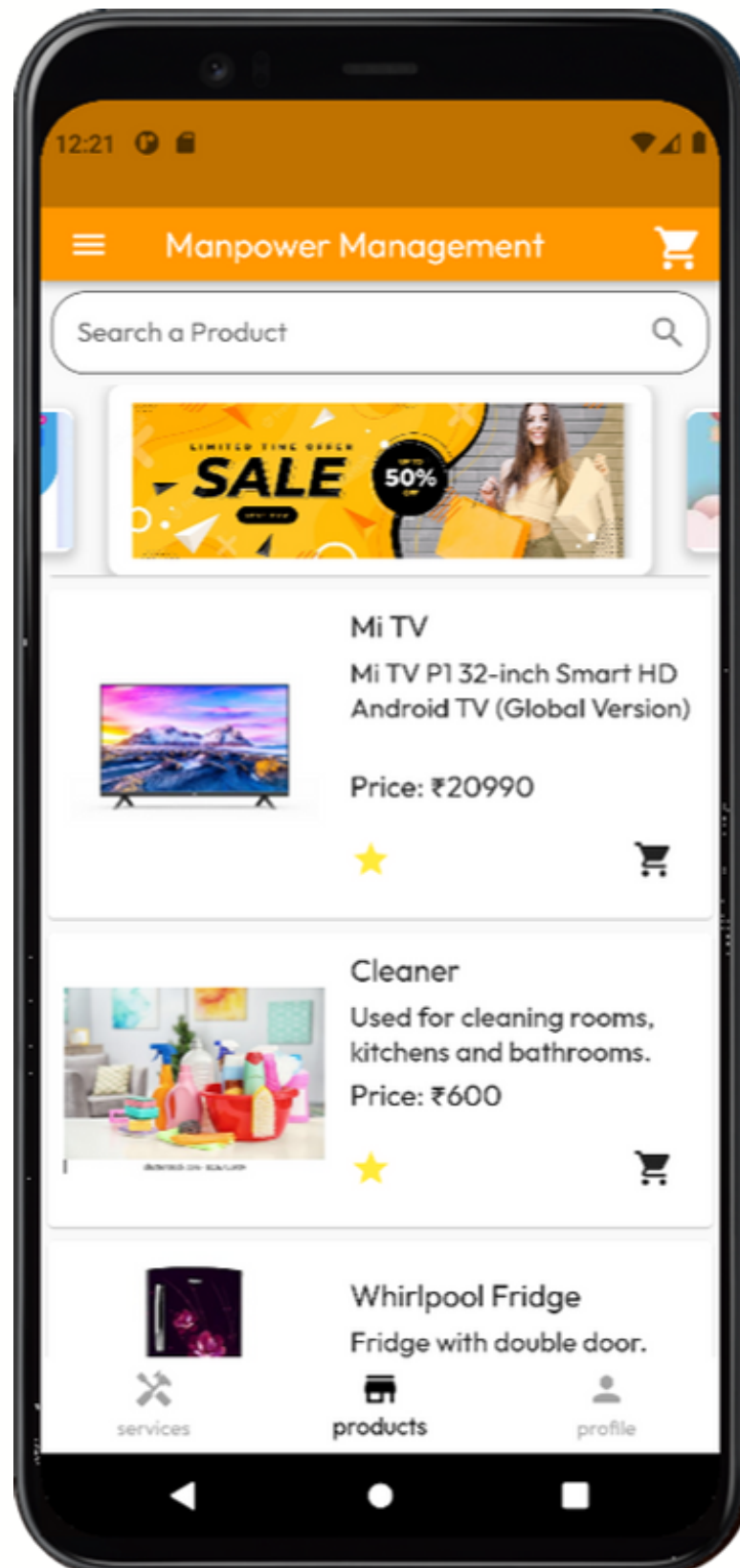**Payent**
- Razor-pay

Login & Sign-up Screens
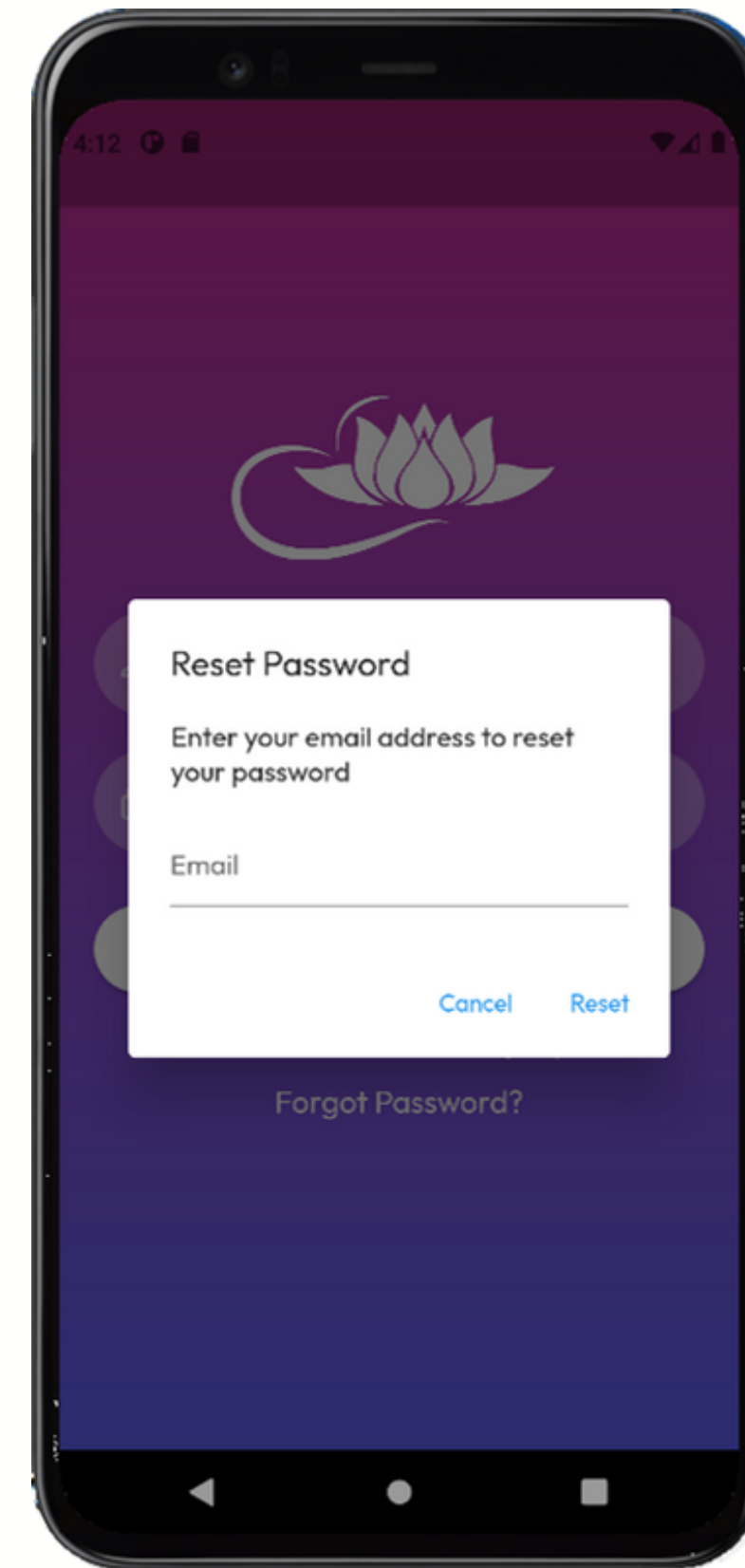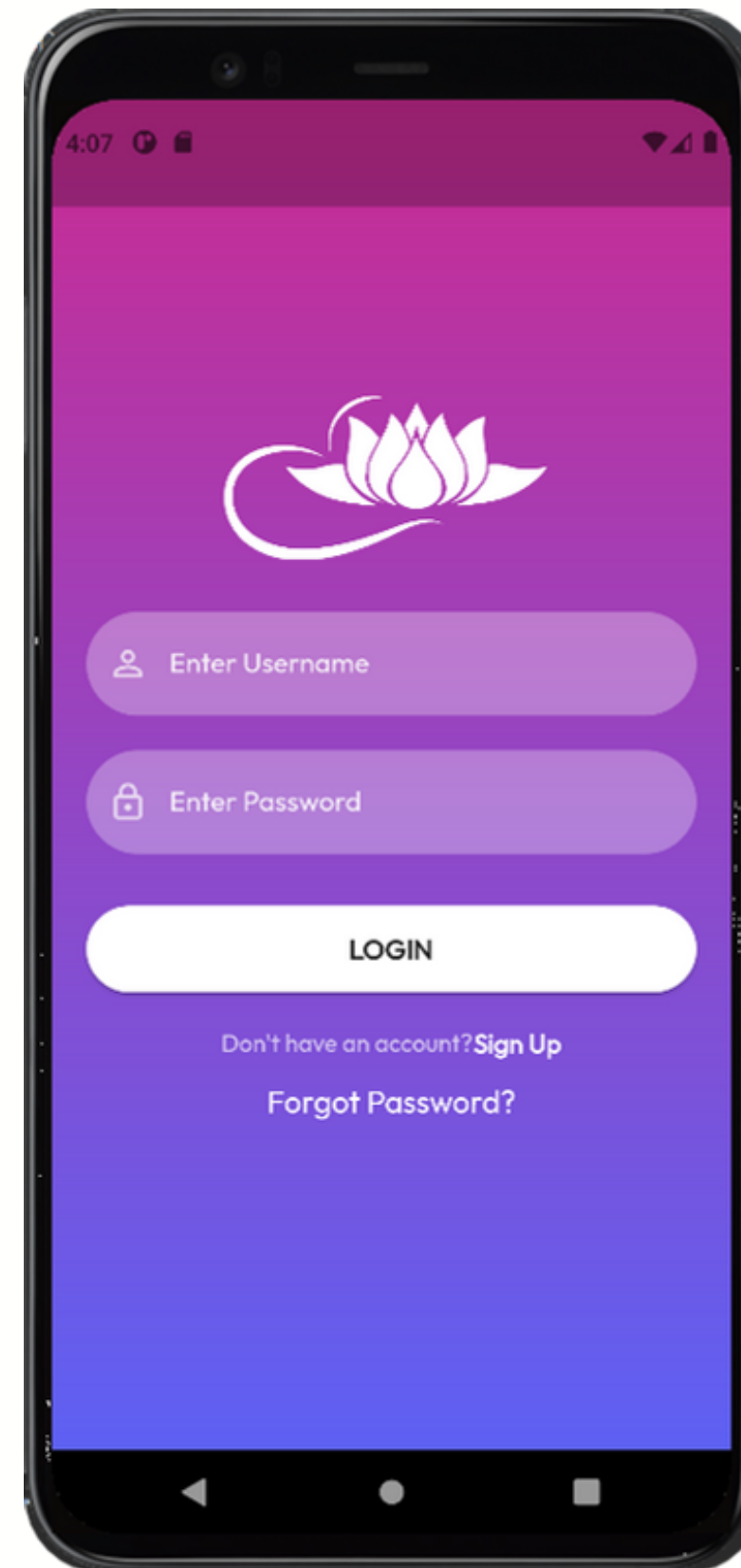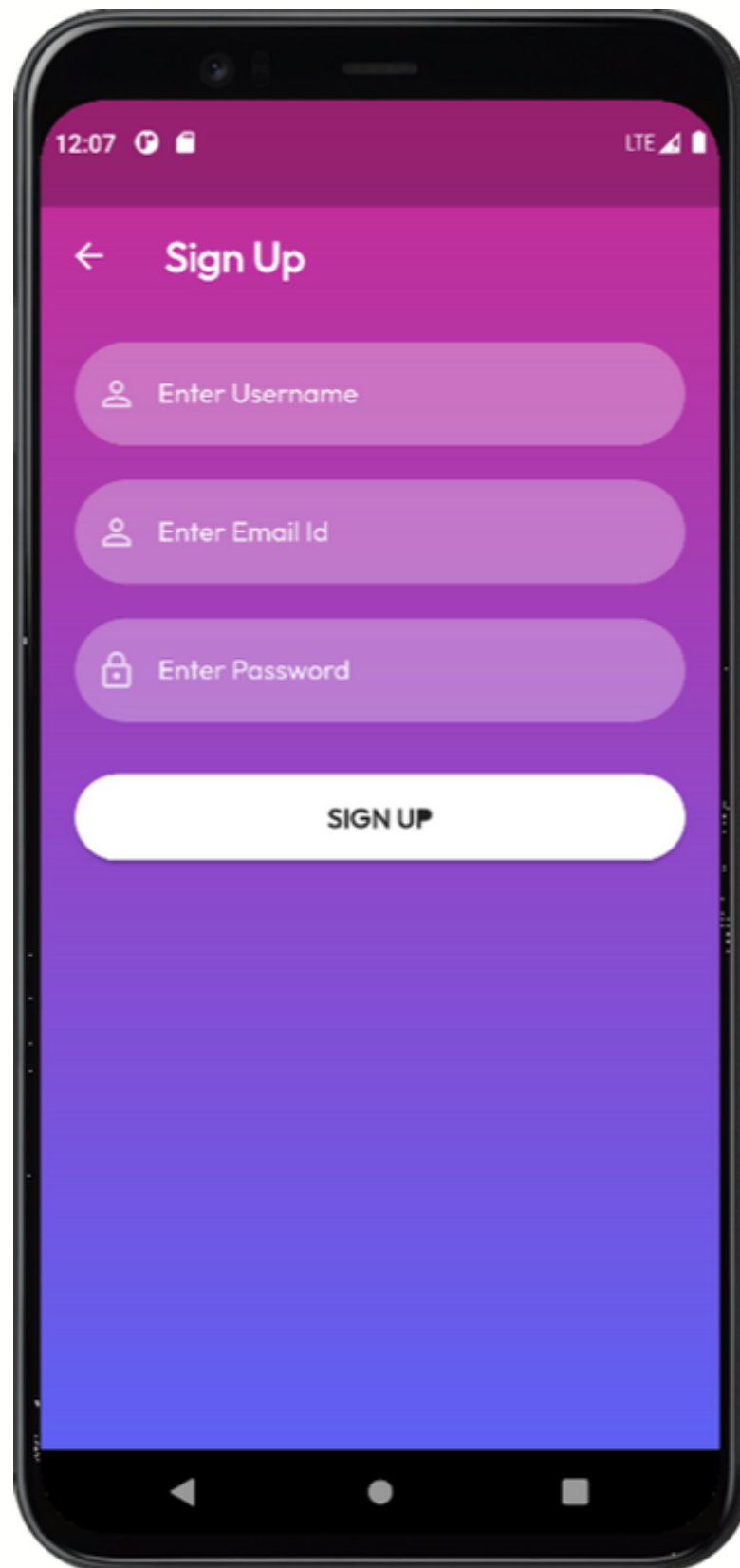
Service Screens
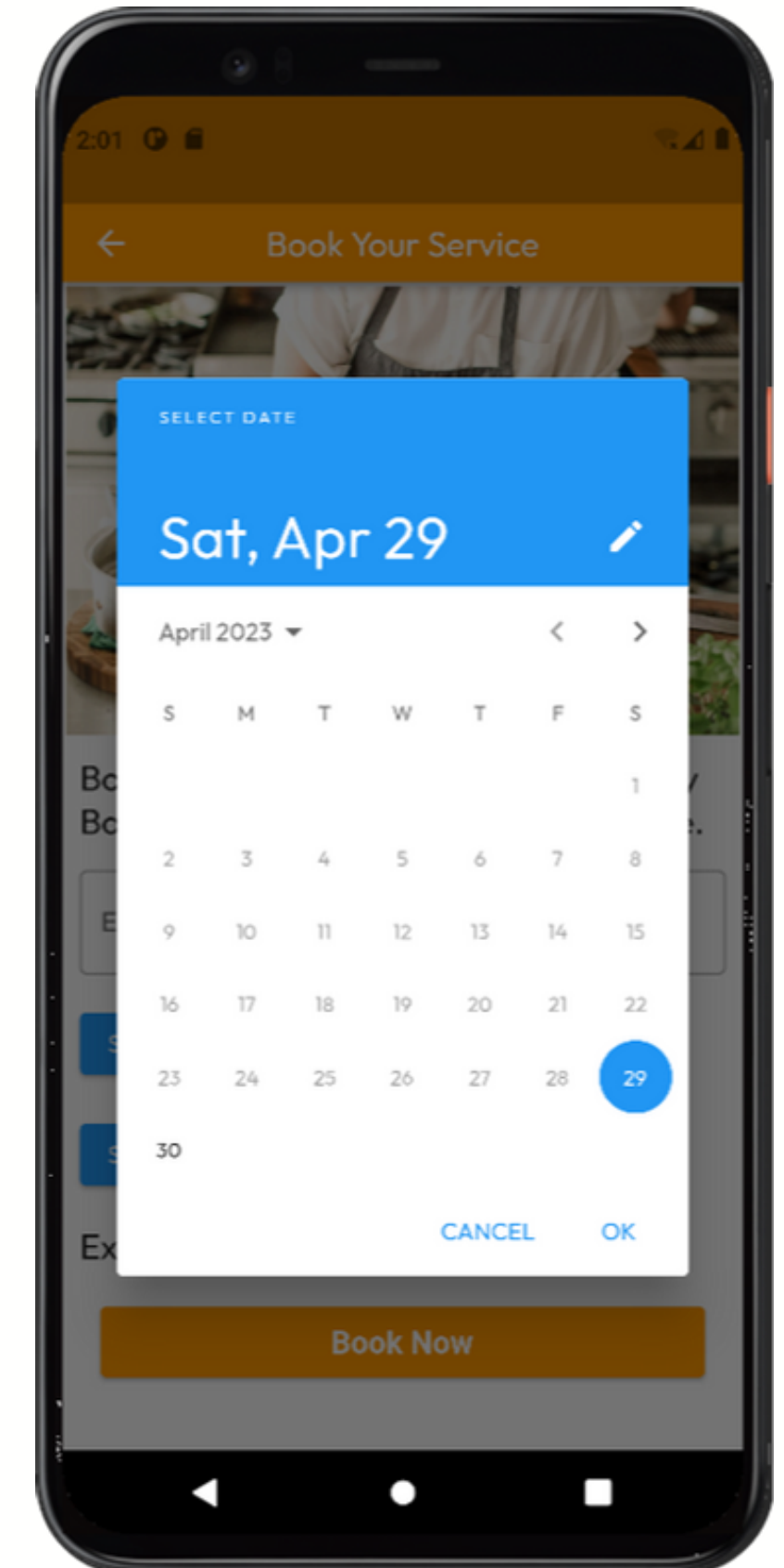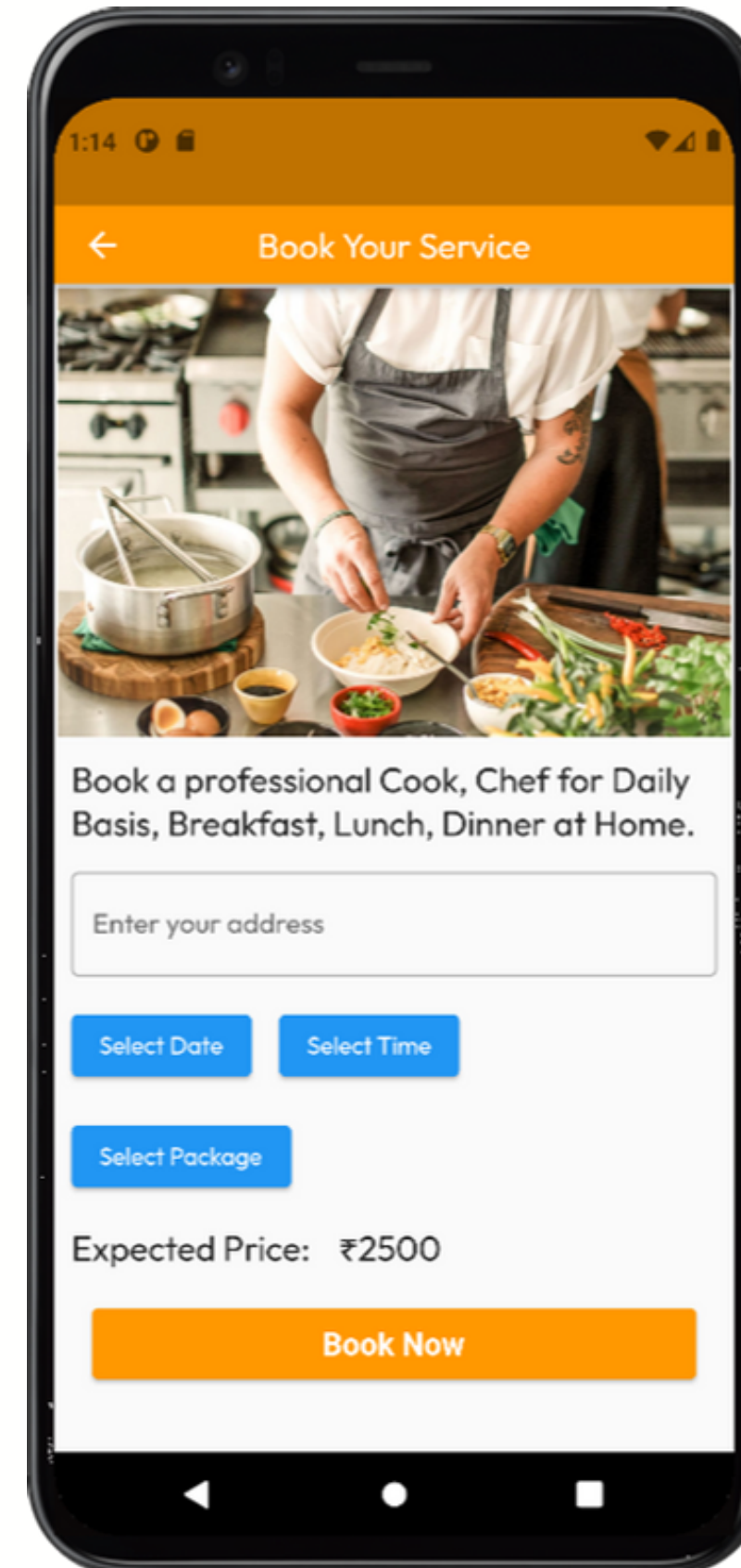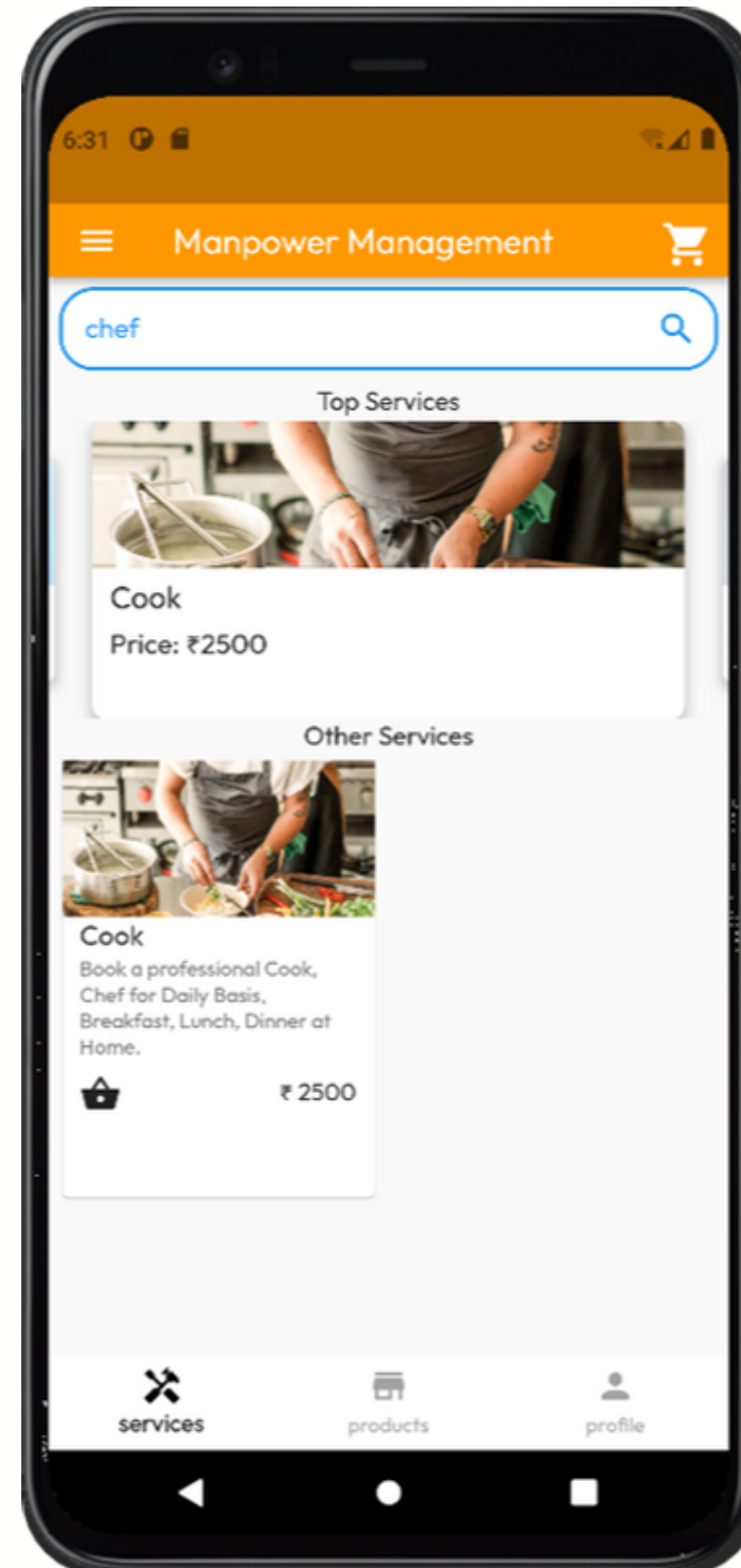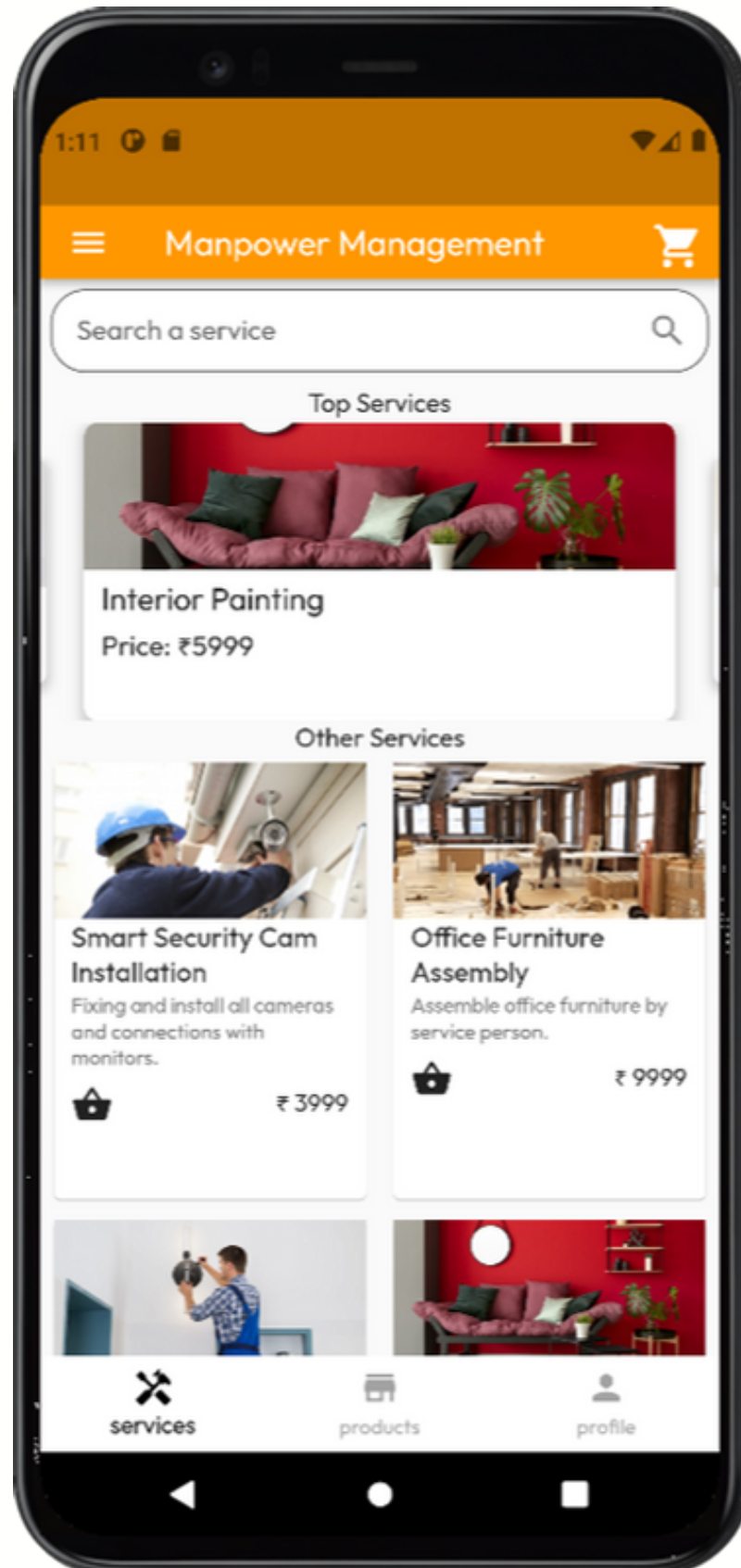
Service Screens
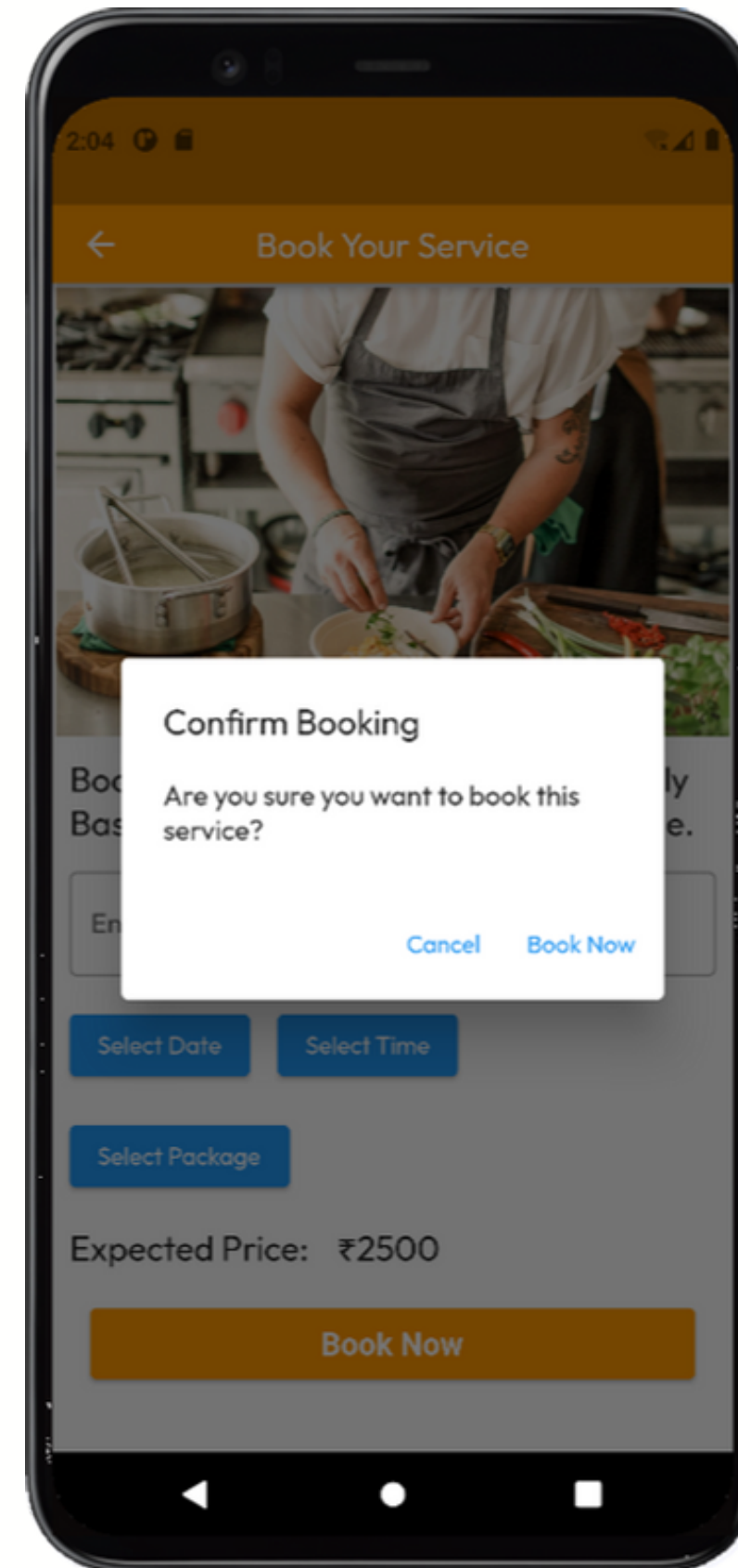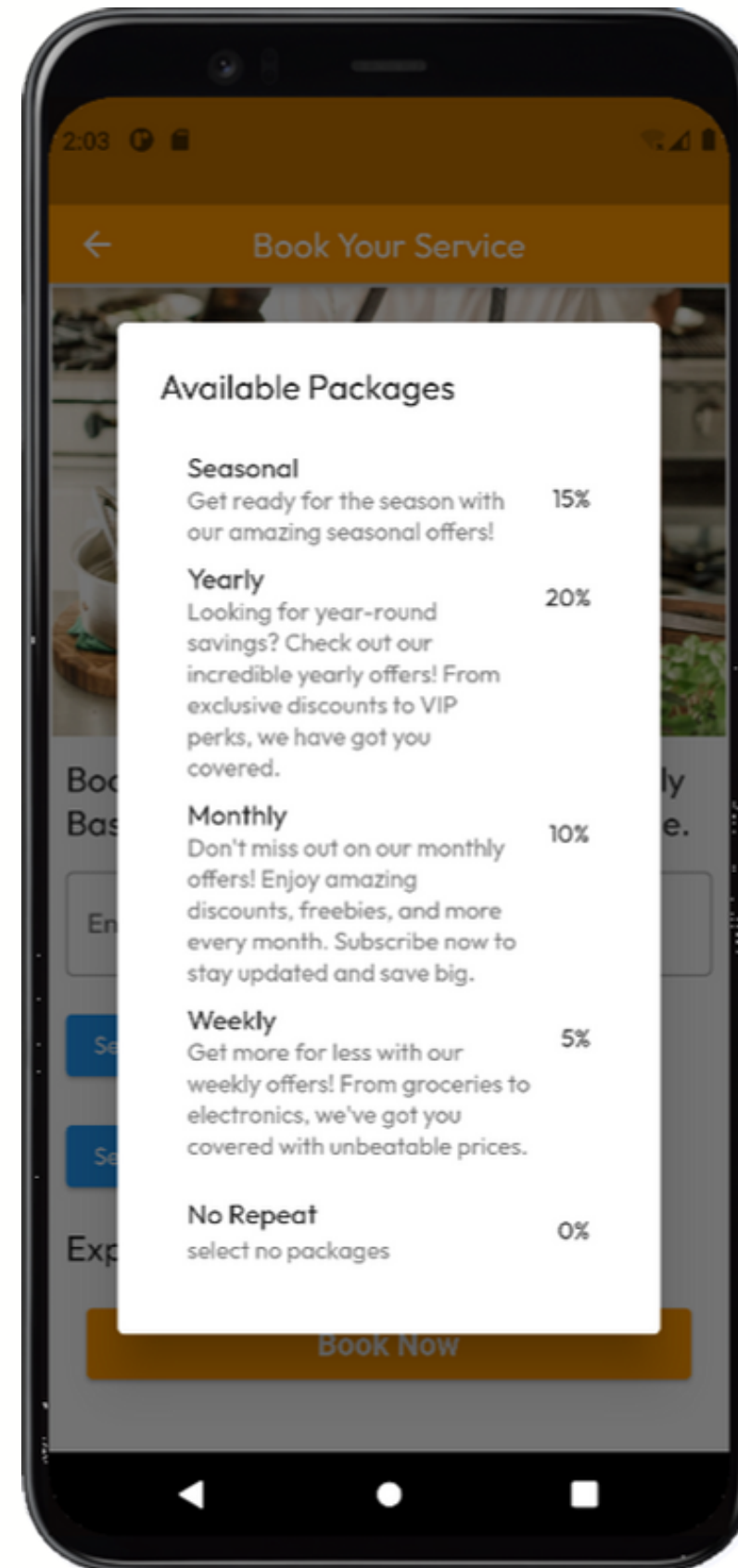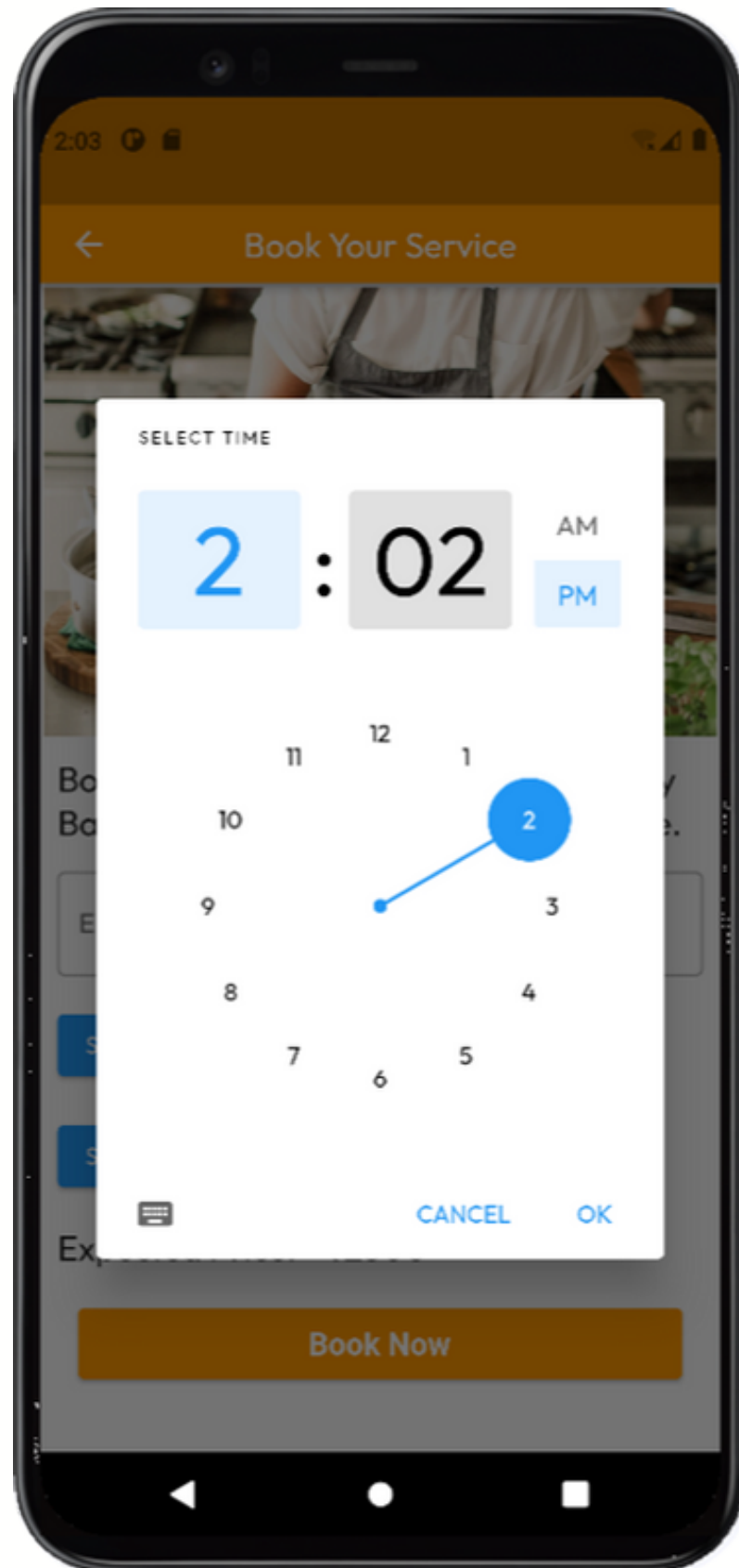
Product Screens
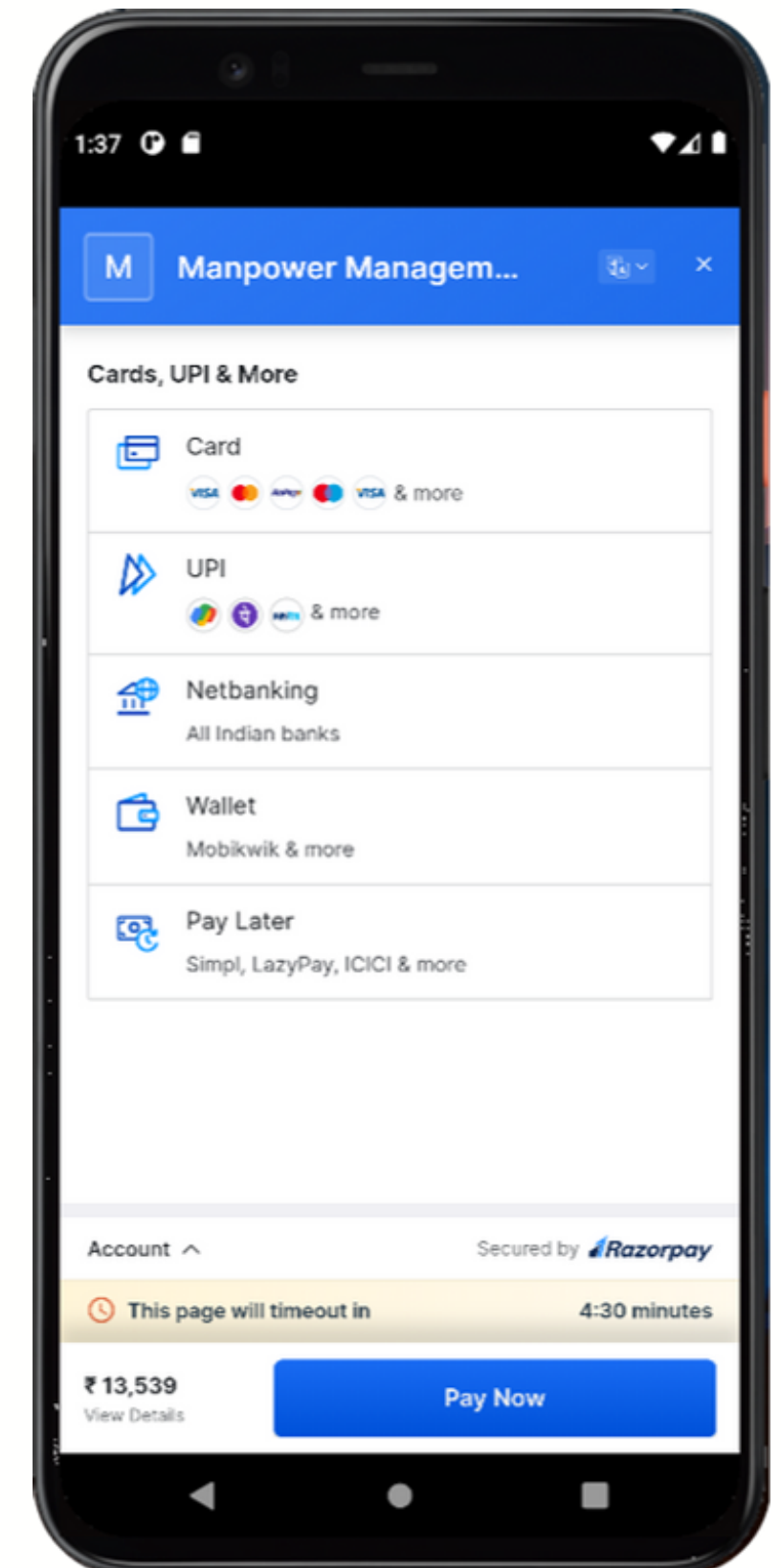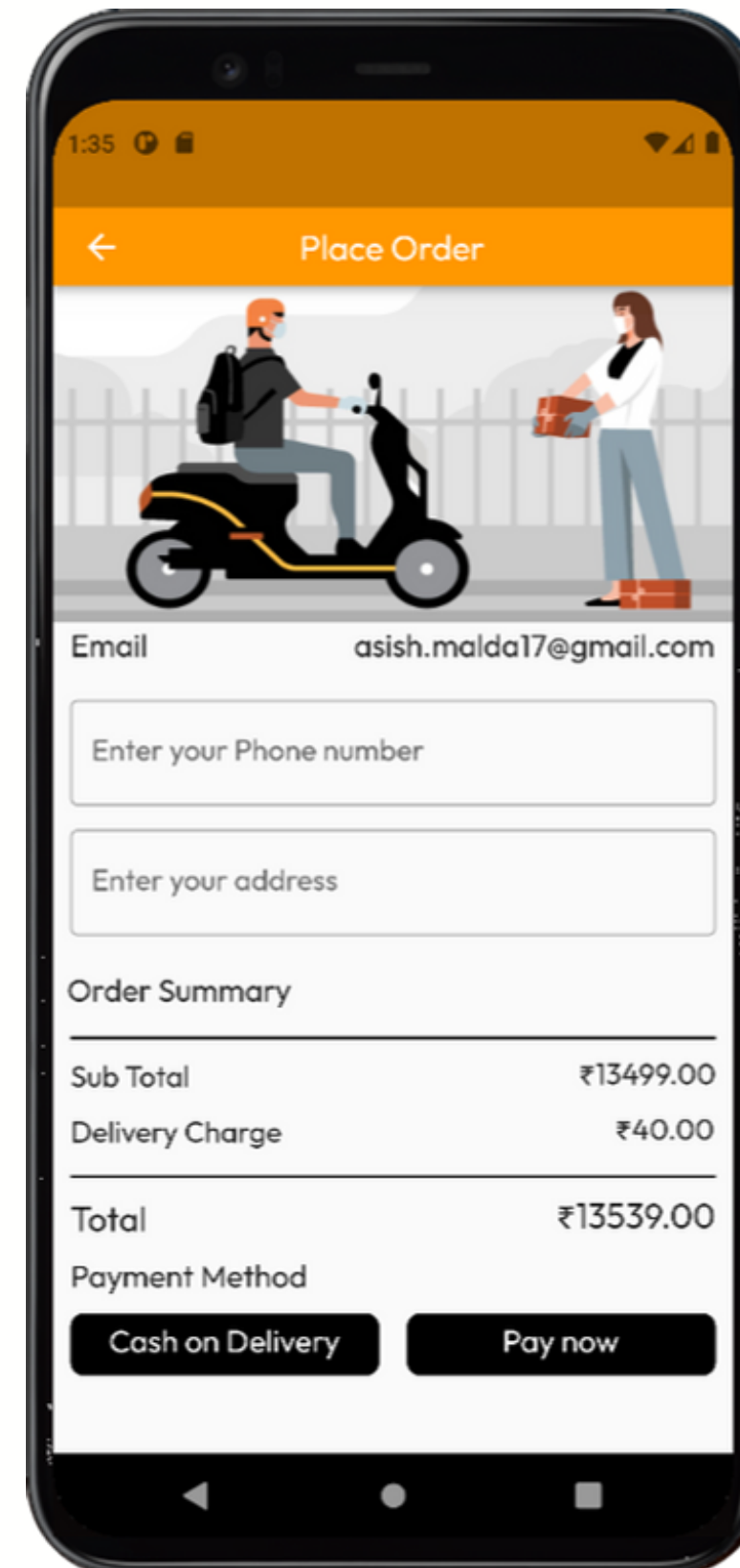
User Profile Screens
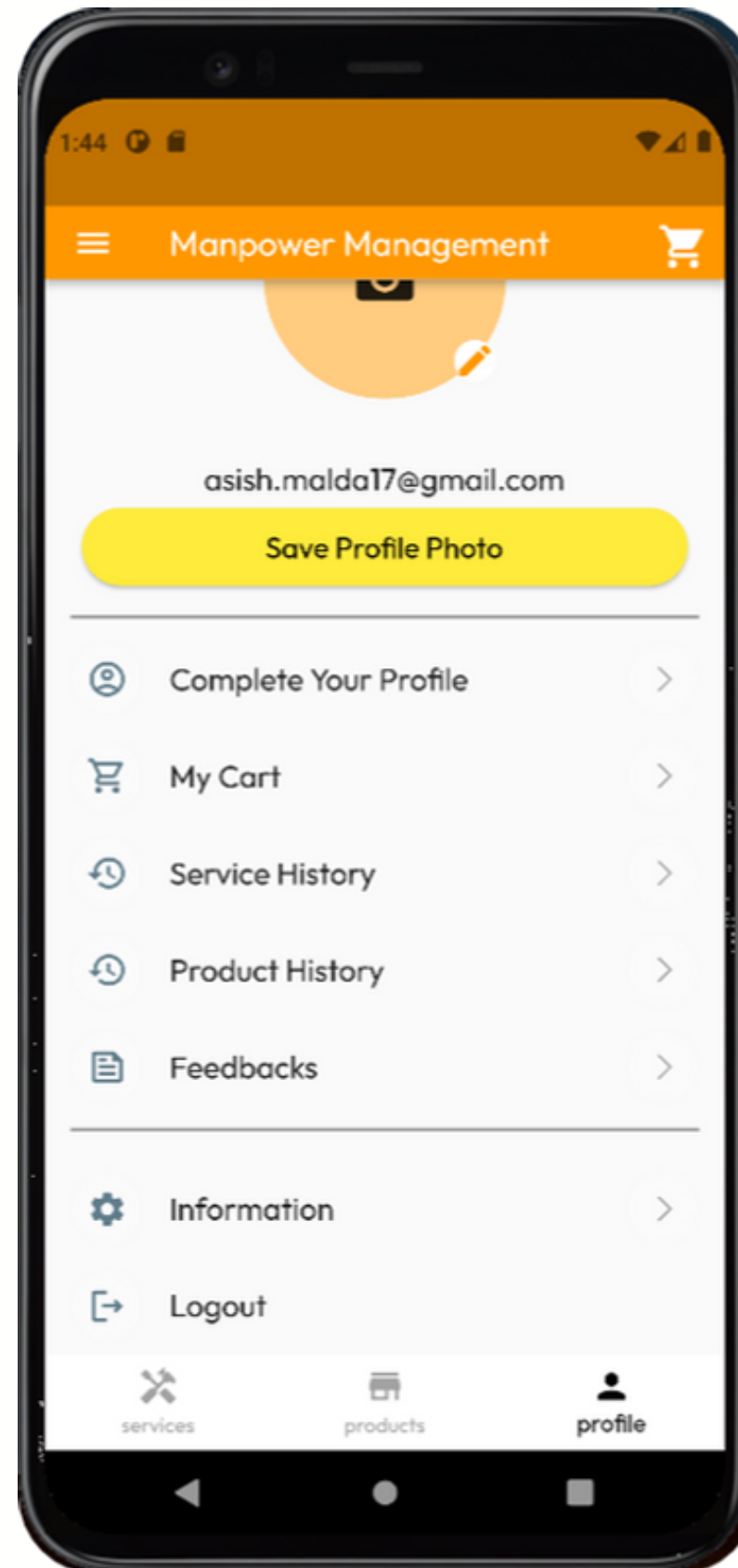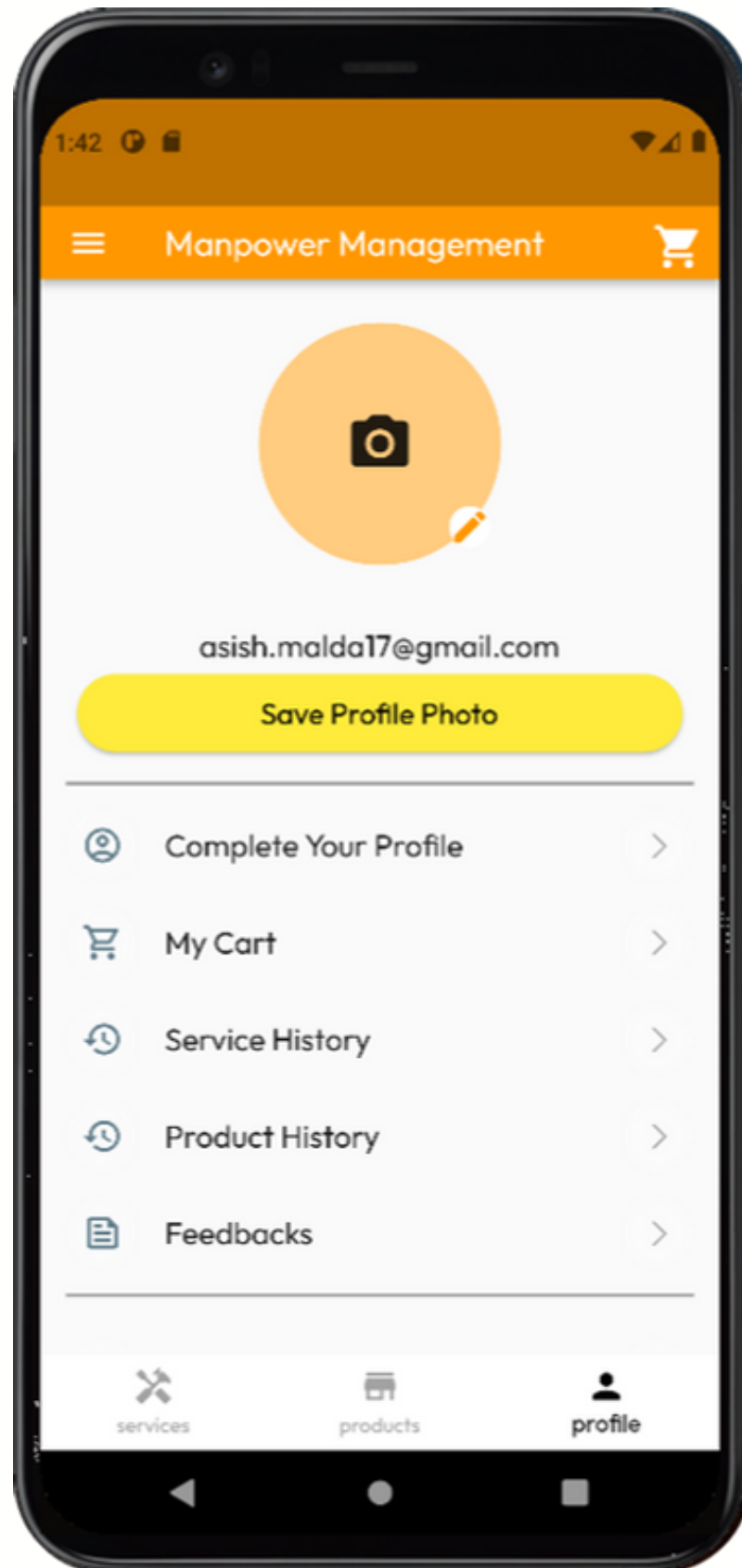
Demonstration
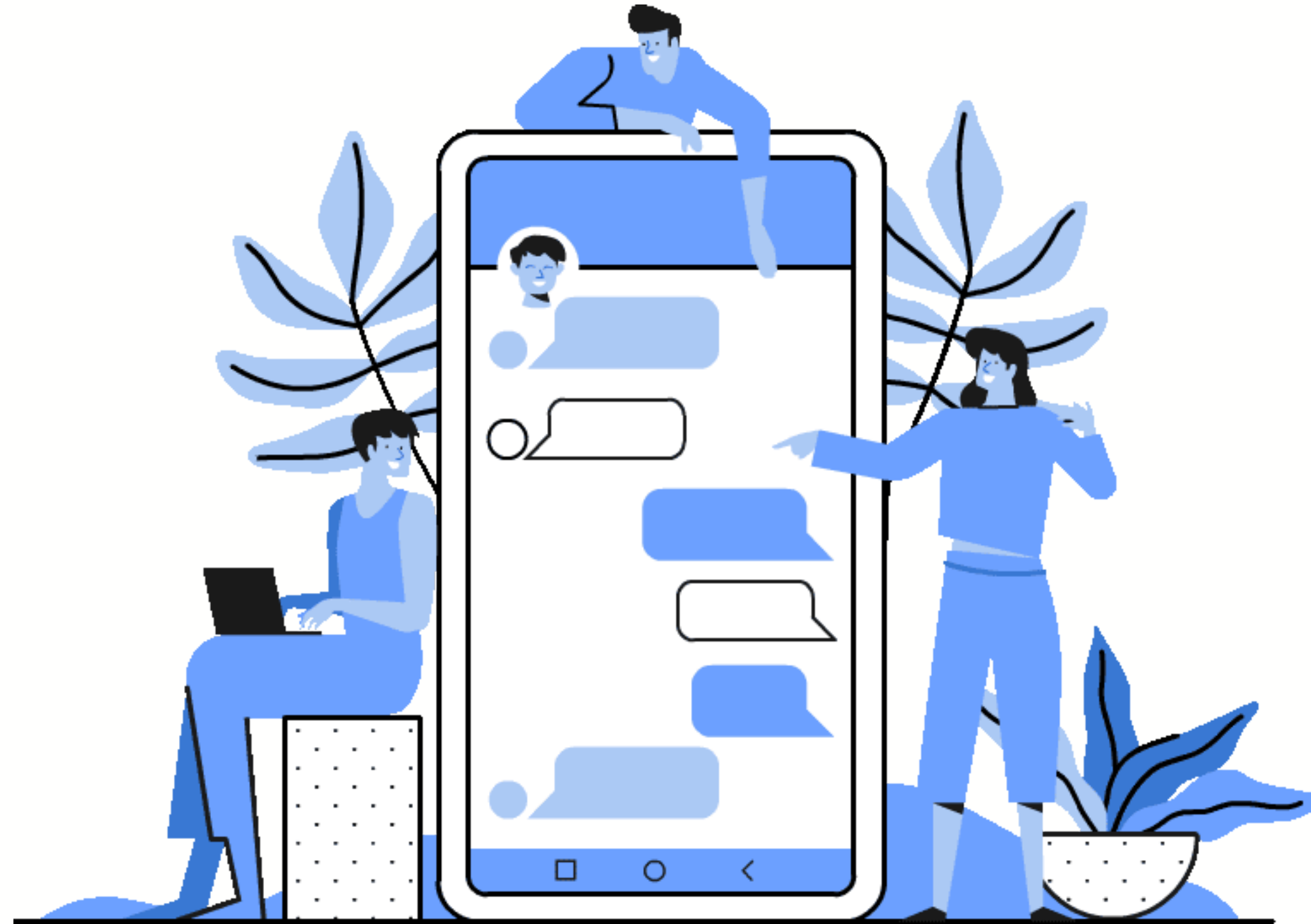
References

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- Dart Programming: https://dart.dev/guides

- Firebase: https://console.firebase.google.com/u/0/?pli=1

Thank You