

GROCERY MART

AI POWERED SMART GROCERY SHOPPING.

Presented by Pooja Sree V and Bhuvaneswari G
I M.COM(C.A)

GROCERY MART

Problem statement

Existing grocery apps lack smart tracking and personalized meal planning, leading to food wastage, over-buying, poor meal decisions, and difficulty managing dietary restrictions.

Description

Grocery mart is an innovative online grocery platform that enhances shopping efficiency with AI-driven recipe suggestions and automated restocking alerts. It helps users plan meals by analyzing their shopping patterns. With a user-friendly interface, personalized recommendations, and seamless ordering, Grocery mart transforms grocery shopping into a smarter, faster, and more convenient experience.

Scope	GenAI AI
It aims to revolutionize grocery shopping with AI-driven meal planning, smart restocking alerts, and seamless user experience.	Generate personalizedrecipe suggestions, smart grocery restocking alerts, and optimized shopping experiences.

Key factors & features	Target Audience	Domain
<ul style="list-style-type: none">One-Tap Smart Shopping ListAI-Powered Recipe SuggestionsRestocking Alerts	<ul style="list-style-type: none">Busy ProfessionalsStudentsHomemakers	<ul style="list-style-type: none">Artificial IntelligenceE-CommerceSupply Chain Management

GROCERY MART

PROJECT FEATURE:

1. AI-Powered Recipe Suggestions
2. Smart Restocking Alerts
3. Personalized Shopping Lists
4. Seamless Checkout & Rewards
5. Voice & Image-Based Search

PROJECT JOURNEY:

1. Problem Identification → 2. Market Research → 3. AI Model Development → 4. UI/UX Design → 5. Prototype & Testing → 6. Deployment & User Feedback → 7. Continuous Improvement

Presentation Layer

- User Interface (UI), Mobile & Web App,
- Voice & Image Recognition,
- Personalized Dashboard

Application Layer

- AI Engine, Data Processing,
- Recipe Recommendation System,
- Restocking Alert System

Data Layer

- Purchase History,
- AI Training Data,
- Recommendation Algorithms

Methodology

- Design Thinking,
- AI-Driven Optimization,
- User-Centered Approach.

Products, Tools & Utilities

- AIModel, CloudDatabase,
- Mobile & Web Frameworks,
- Payment Gateway, API Integration.

Infrastructure

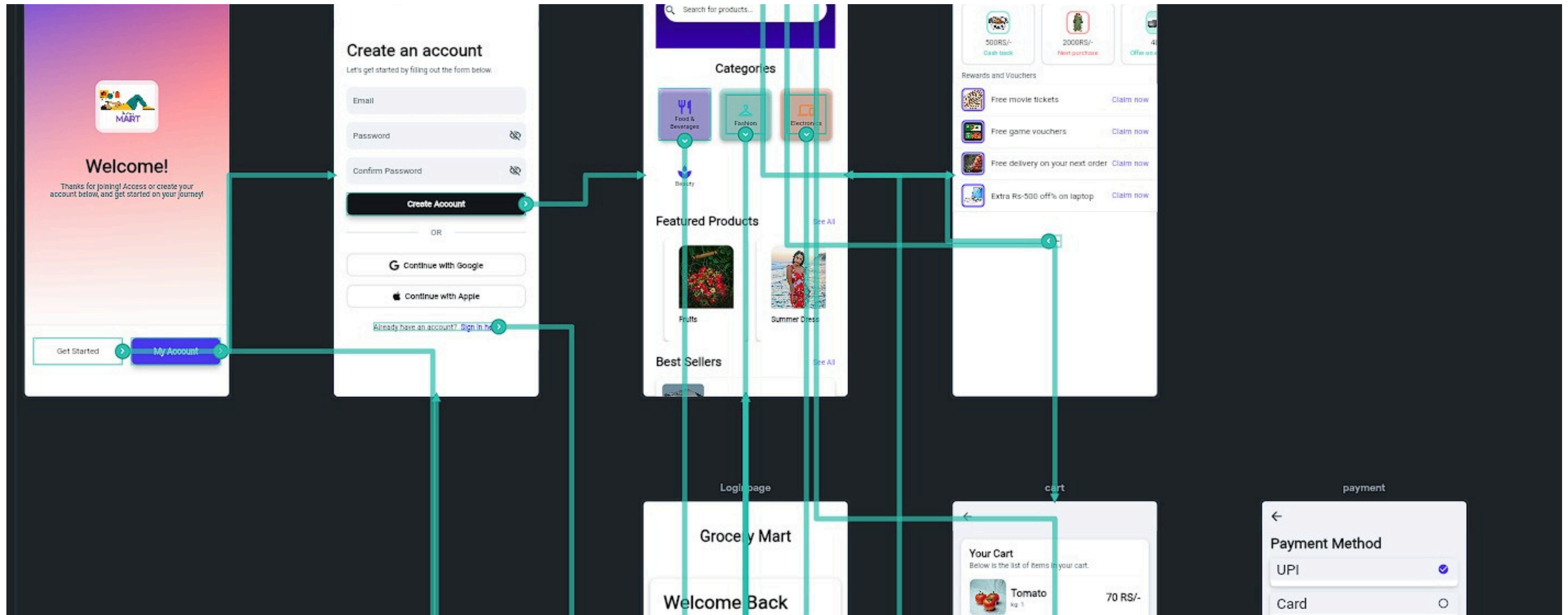
- Cloud Computing, Scalable Servers,
- AI Processing Units, Secure Database,
- API Gateway

API

- User Authentication API,
- Grocery Database API, AI Recommendation API,
- Payment Gateway API, Notification API

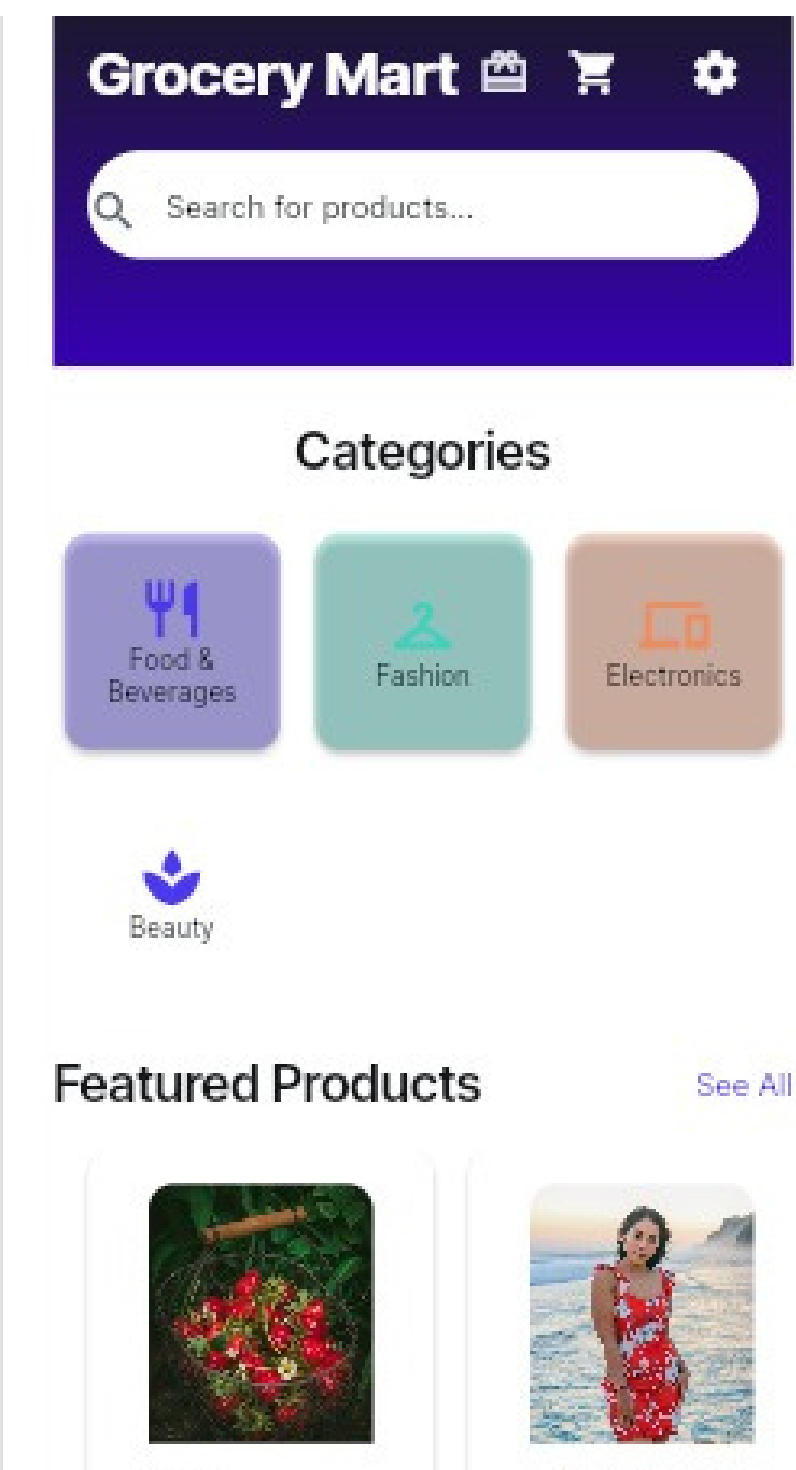
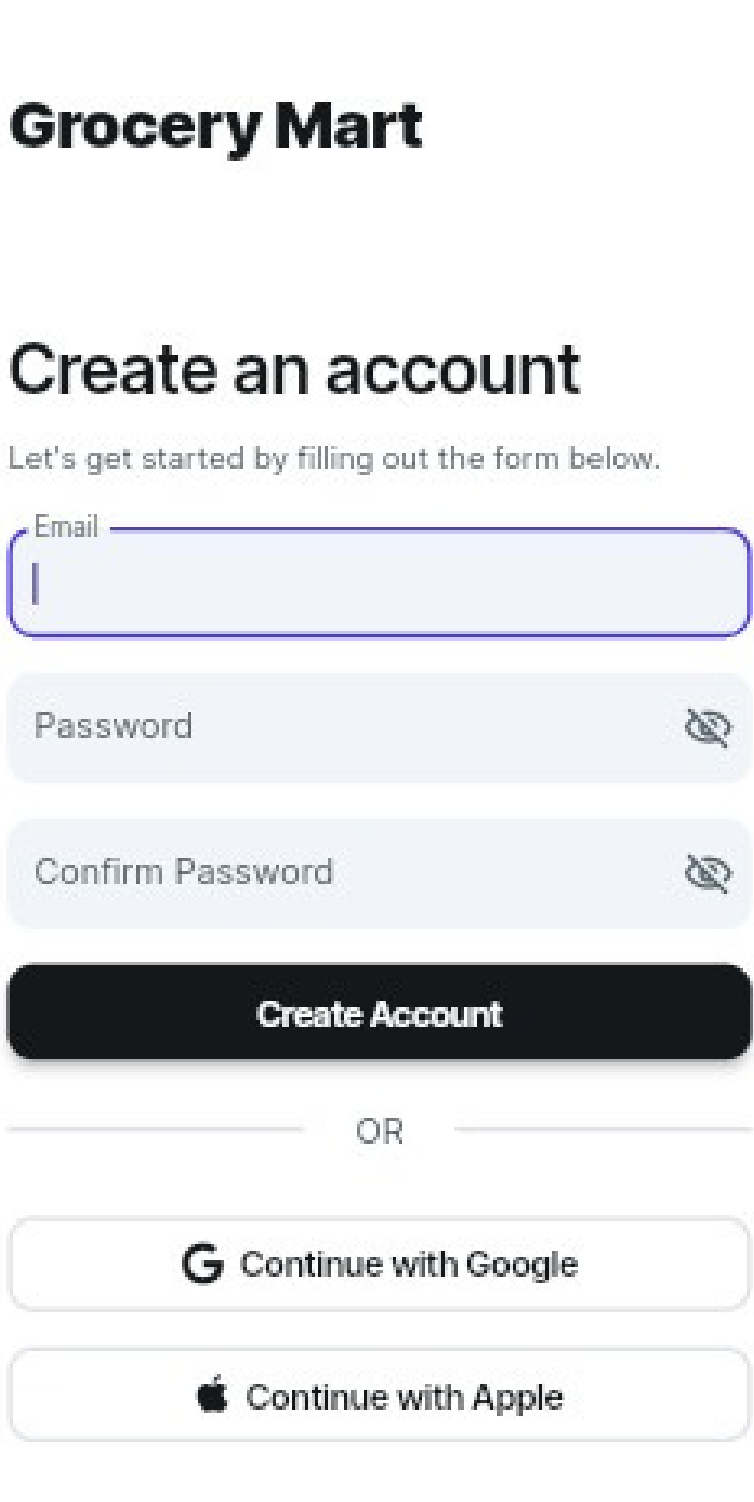
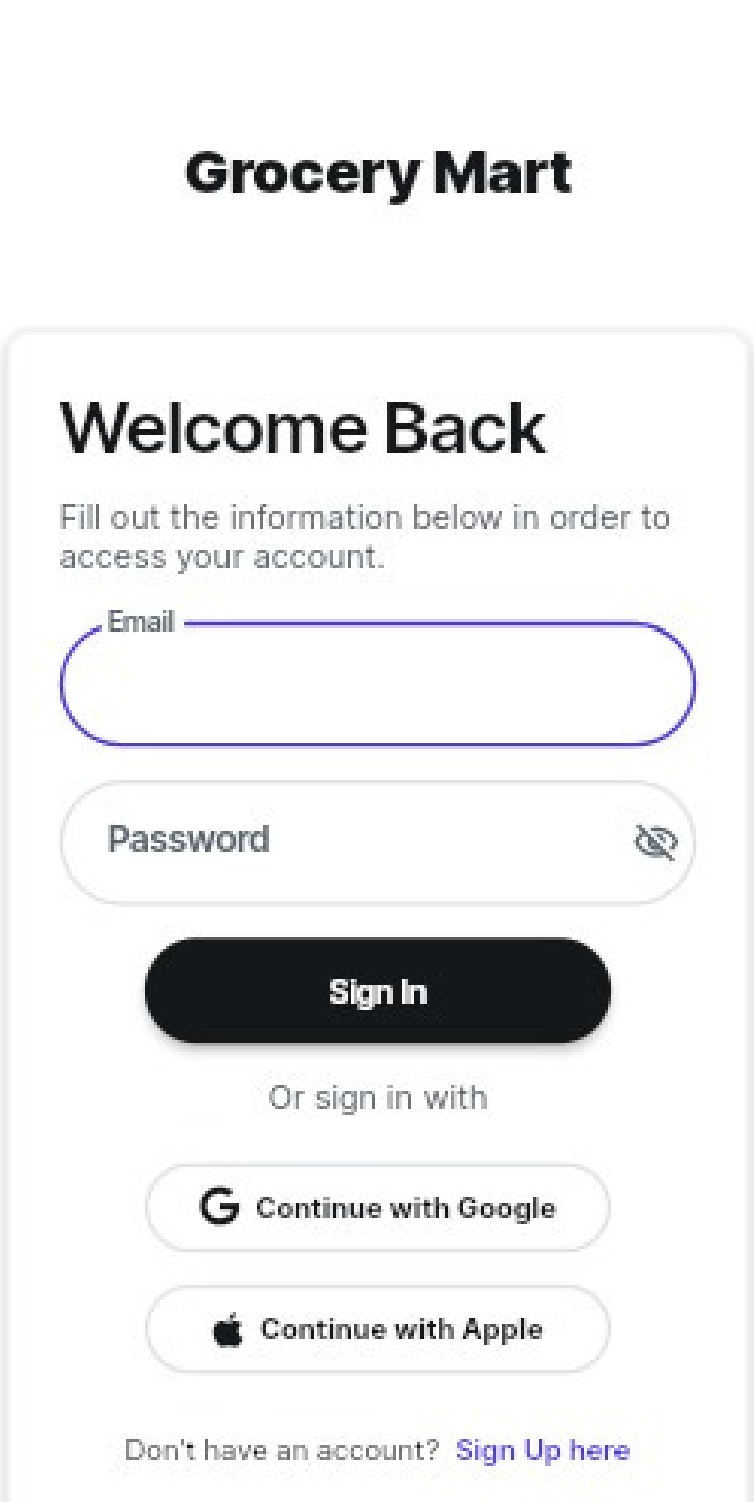
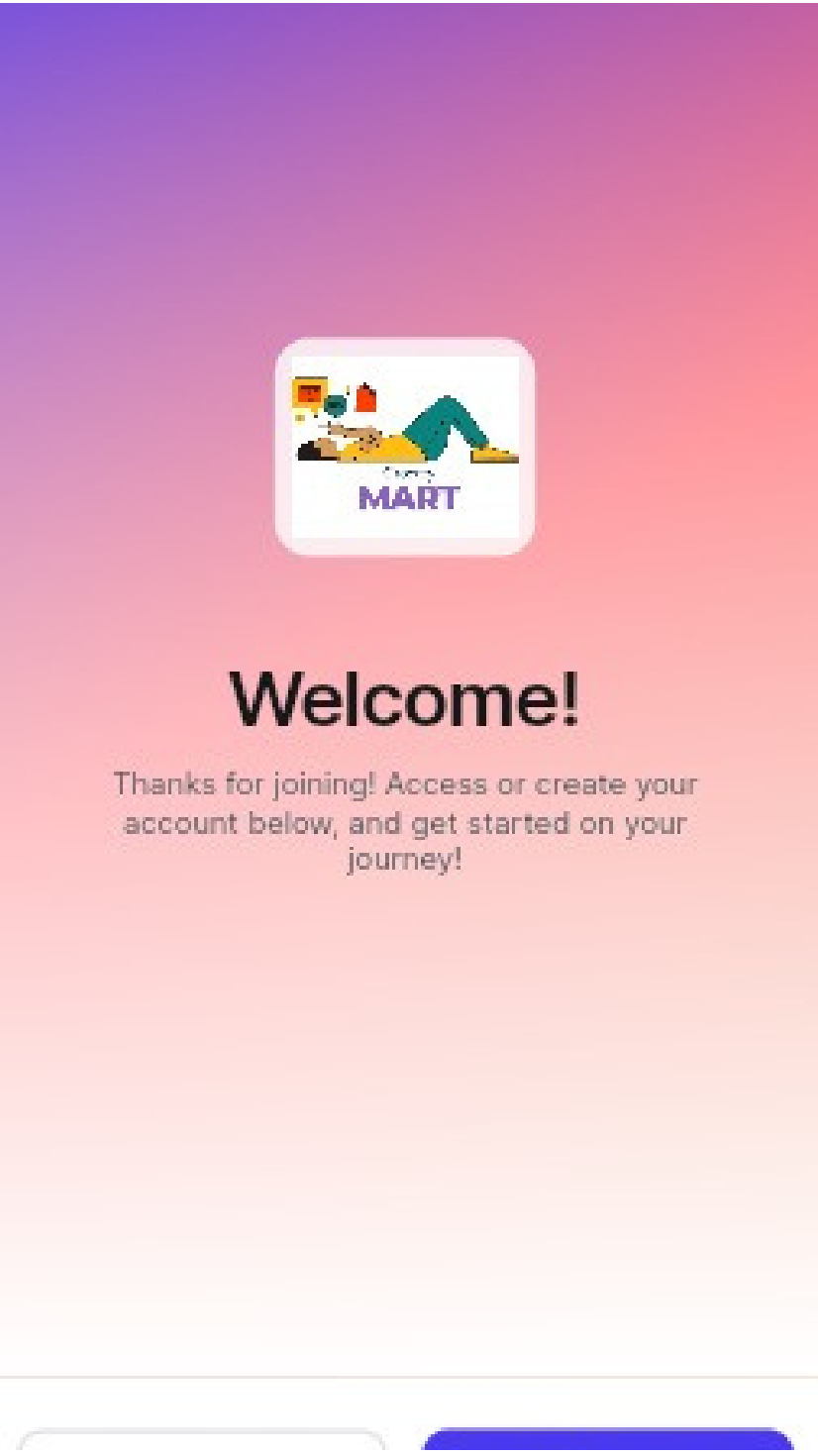
GROECY MART

Wireframe | UI



GROCERY MART

Application Screenshots



Application Screenshots

Hey, what would you like to cook today?

AI Meal Suggestions

←

Get Personalized Recipes

Let AI suggest meals based on your preferences

Categories

Vegetables

Fruits

Drinks

Snacks

Fresh Vegetables [See All](#)

Recipe Assistant

I can create recipes with what you have! Try asking me to make something with tomatoes and beans.

Can you suggest a recipe with tomatoes and beans?

Tomato & Bean Stew
Here's a delicious recipe using tomatoes and beans:
Ingredients:

- 2 cans beans (kidney or black beans)
- 4 ripe tomatoes, diced
- 1 onion, chopped
- 3 cloves garlic, minced
- 2 tbsp olive oil
- 1 tsp cumin
- 1 tsp paprika
- Salt and pepper to taste
- Fresh herbs (optional)

Ask for a recipe or list ingredients...

Order Now

Farm Harvest Broccoli

Rating: 4.5

Farm Harvest Tomato

Rating: 4.5

←

Tomato

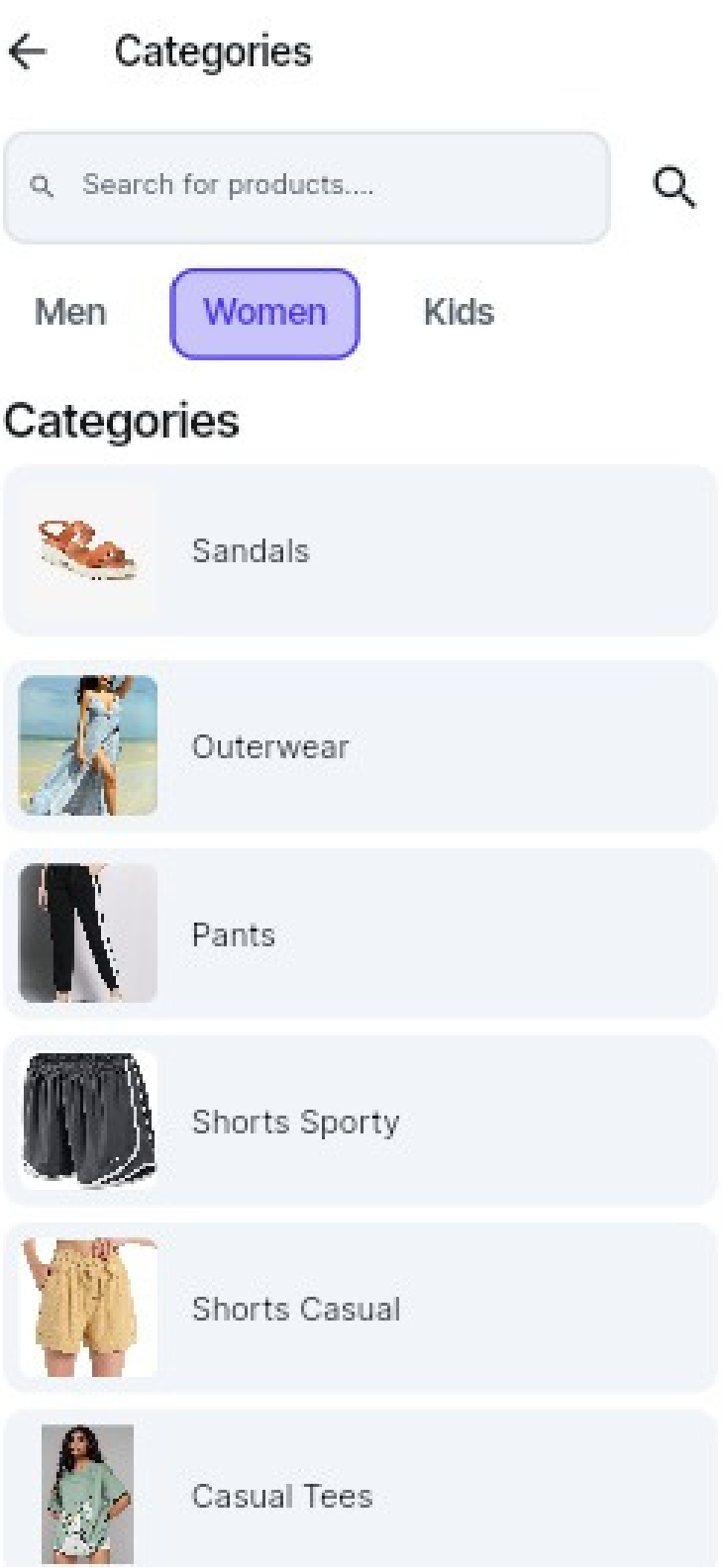
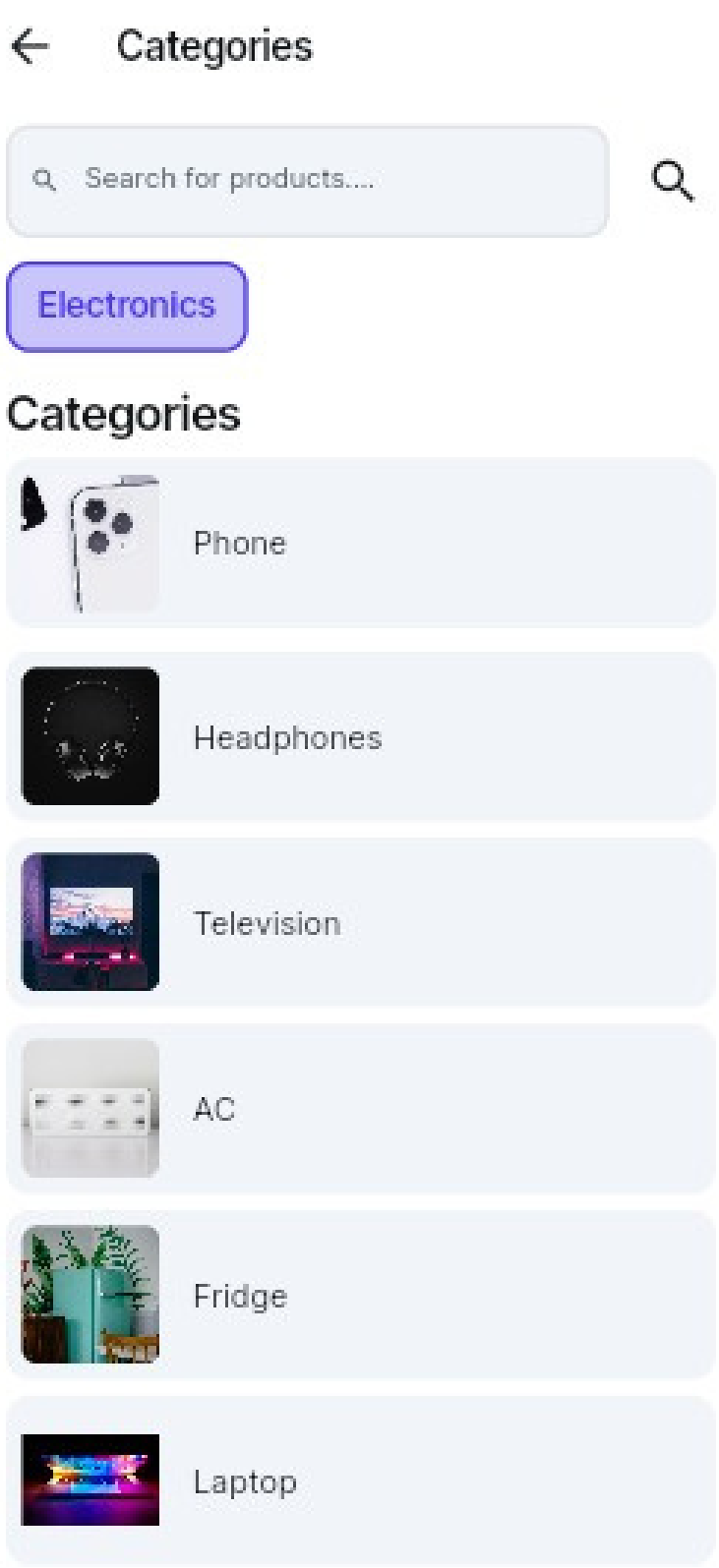
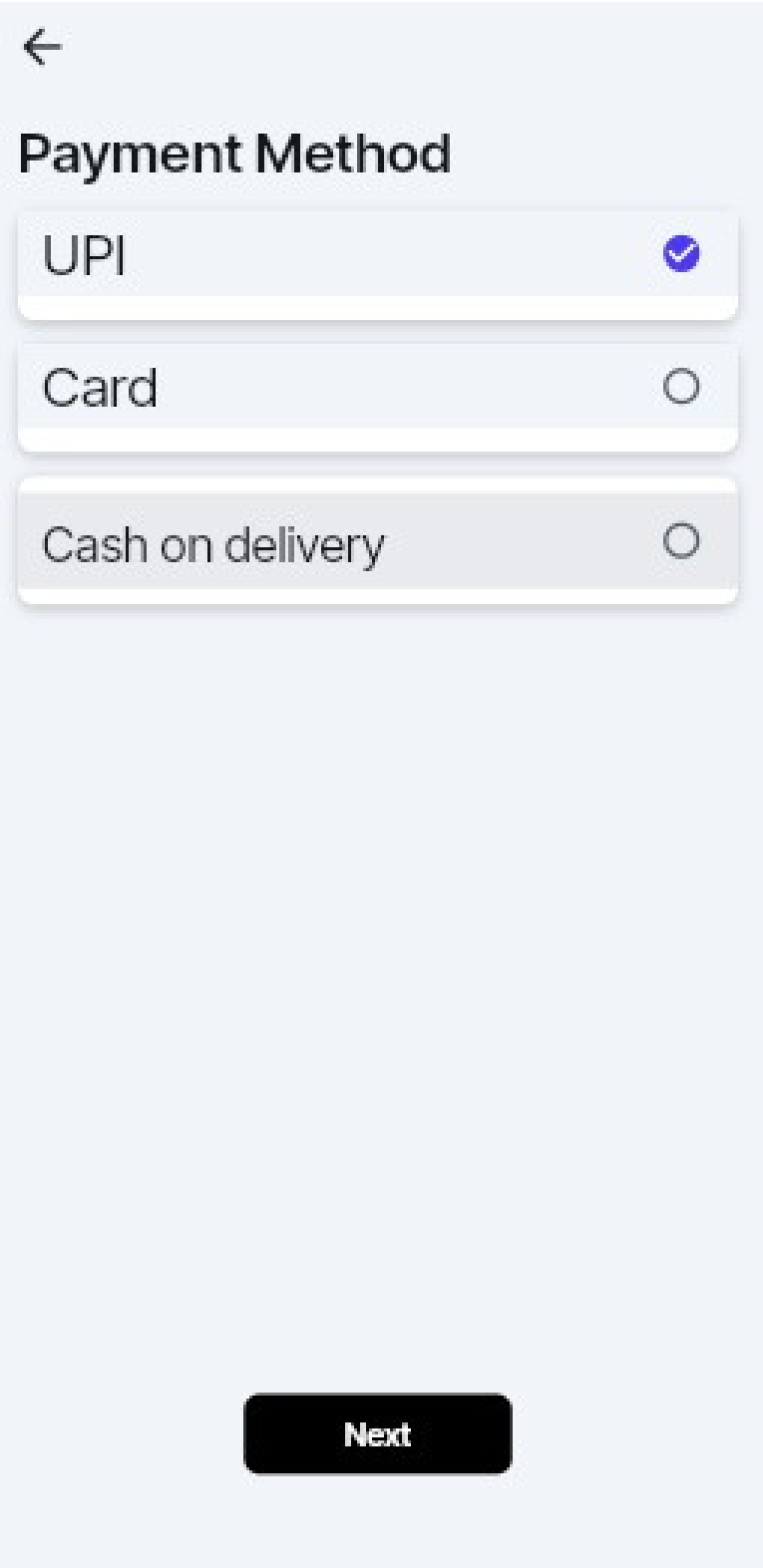
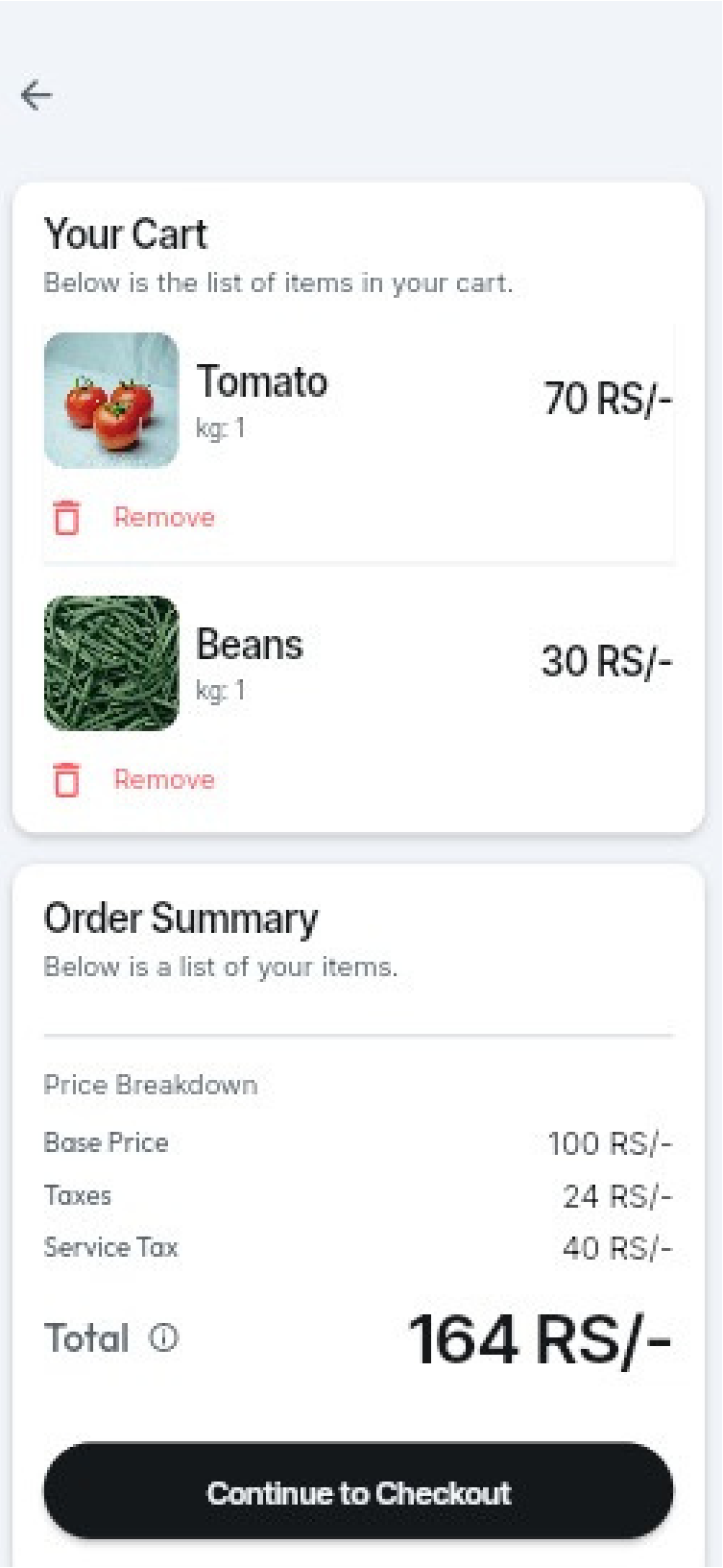
Tomatoes are nutritious and have many health benefits, including boosting immunity, supporting heart health, and promoting bone health.

70 RS/-

Select Kg


Add to Cart

Application Screenshots




Application Screenshots

Order Now




Pleasure
Trench coat


Rating: 4.5



Pleasure
Straight fit Jean

Rating: 4.5





Trench coat

Effortlessly flow from one space to the next in this sleeveless take on the classic trench coat.

4000 RS/-

Options

Please make a selection from the options below.


Select a Color

Select a Size


Add To Cart

Claim Now


Recent Claims



500RS/-
Cash back




2000RS/-
Next purchase




4
Offer on

Rewards and Vouchers




Free movie tickets

Claim now




Free game vouchers

Claim now



Free delivery on your next order

Claim now




Extra Rs-500 off% on laptop

Claim now


Get support

Welcome to support


How can we help you?



Call Us



Email Us



Search FAQs

Review FAQ's below

How do i create an account?

Download the app, tap on "Sign Up," and enter your email, phone number, and password. Verify your account via OTP or email link.

Can I shop without creating an account?

Yes, you can browse products, but you'll need an account to place an order.

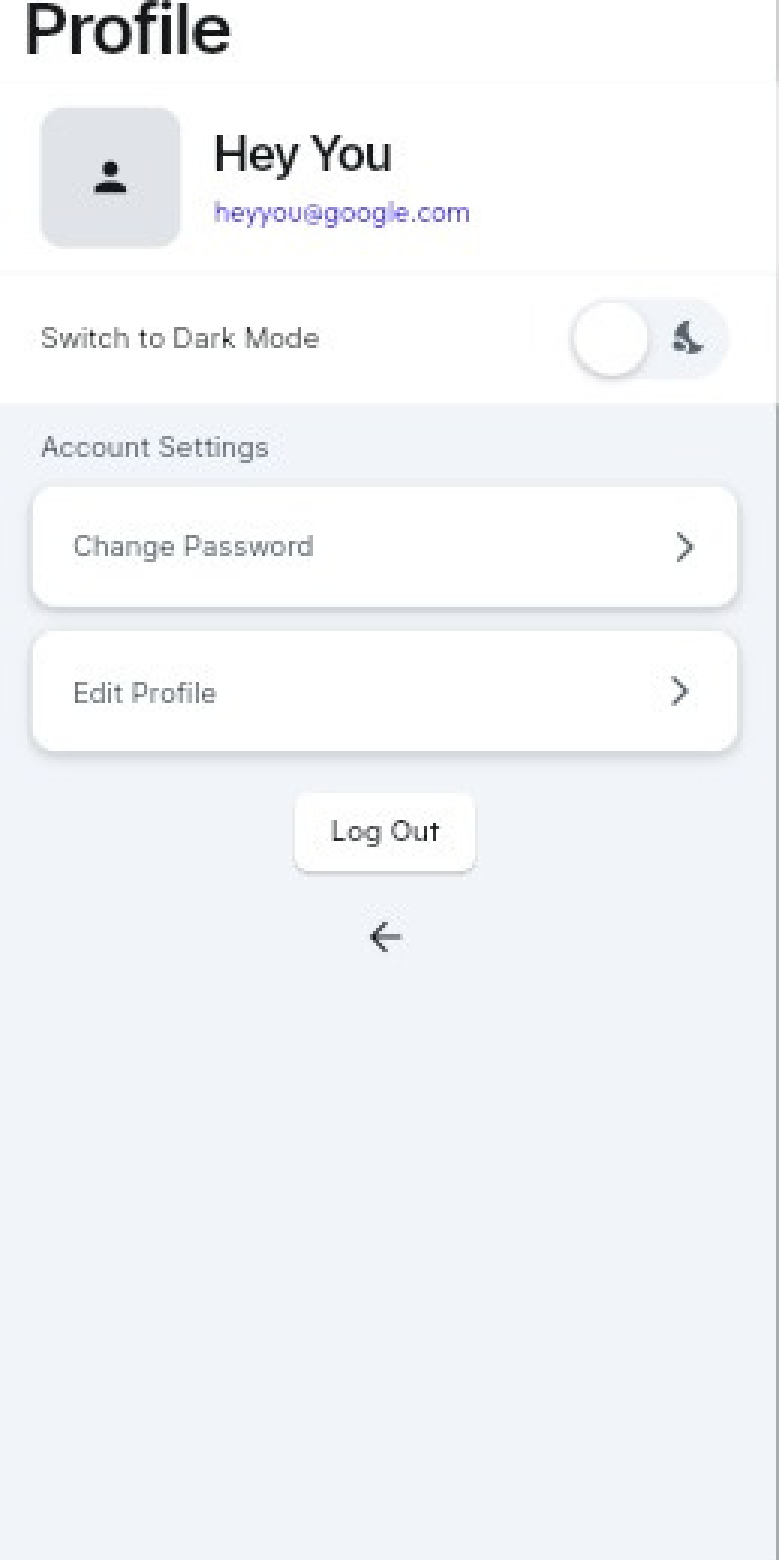
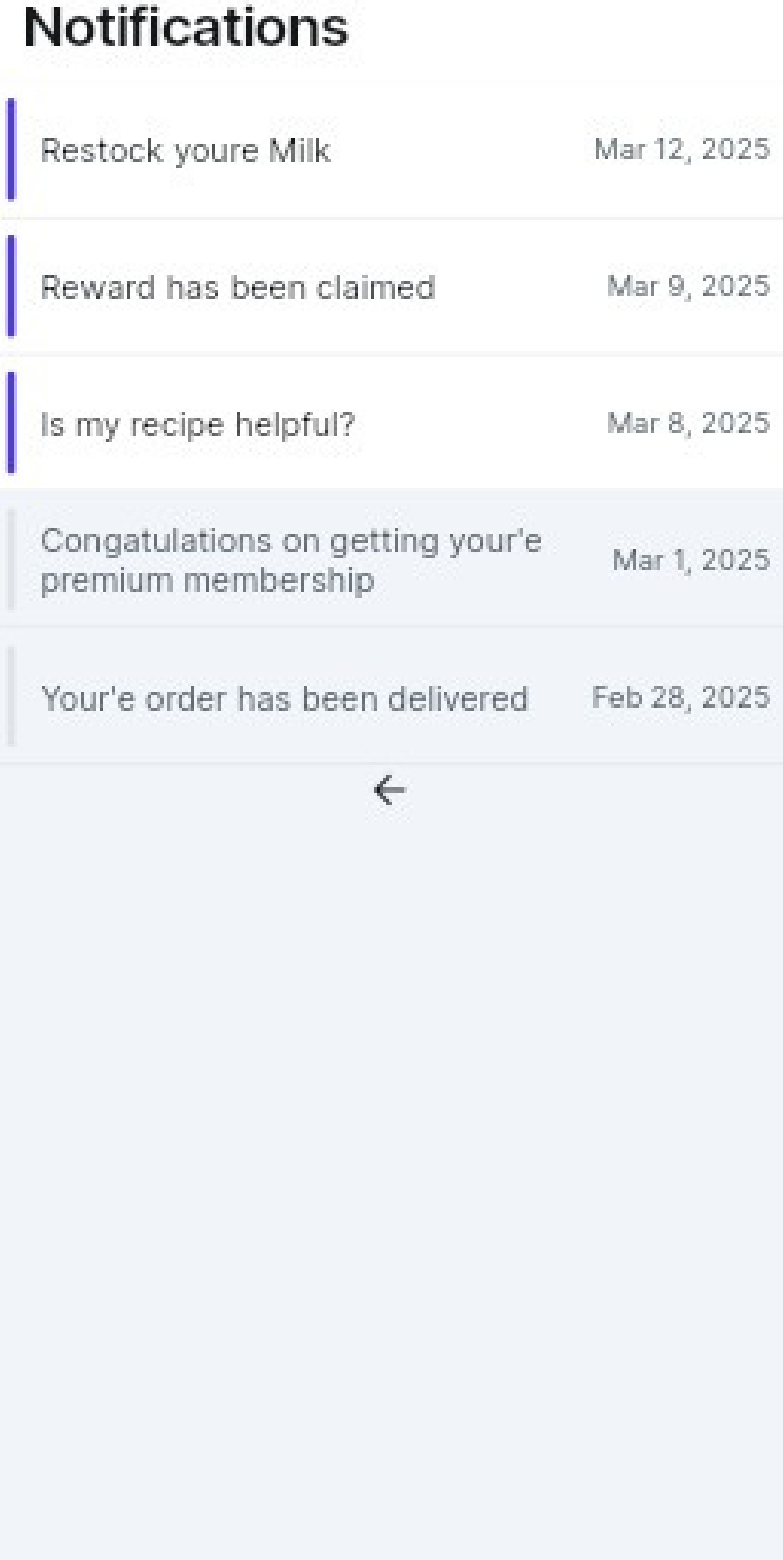
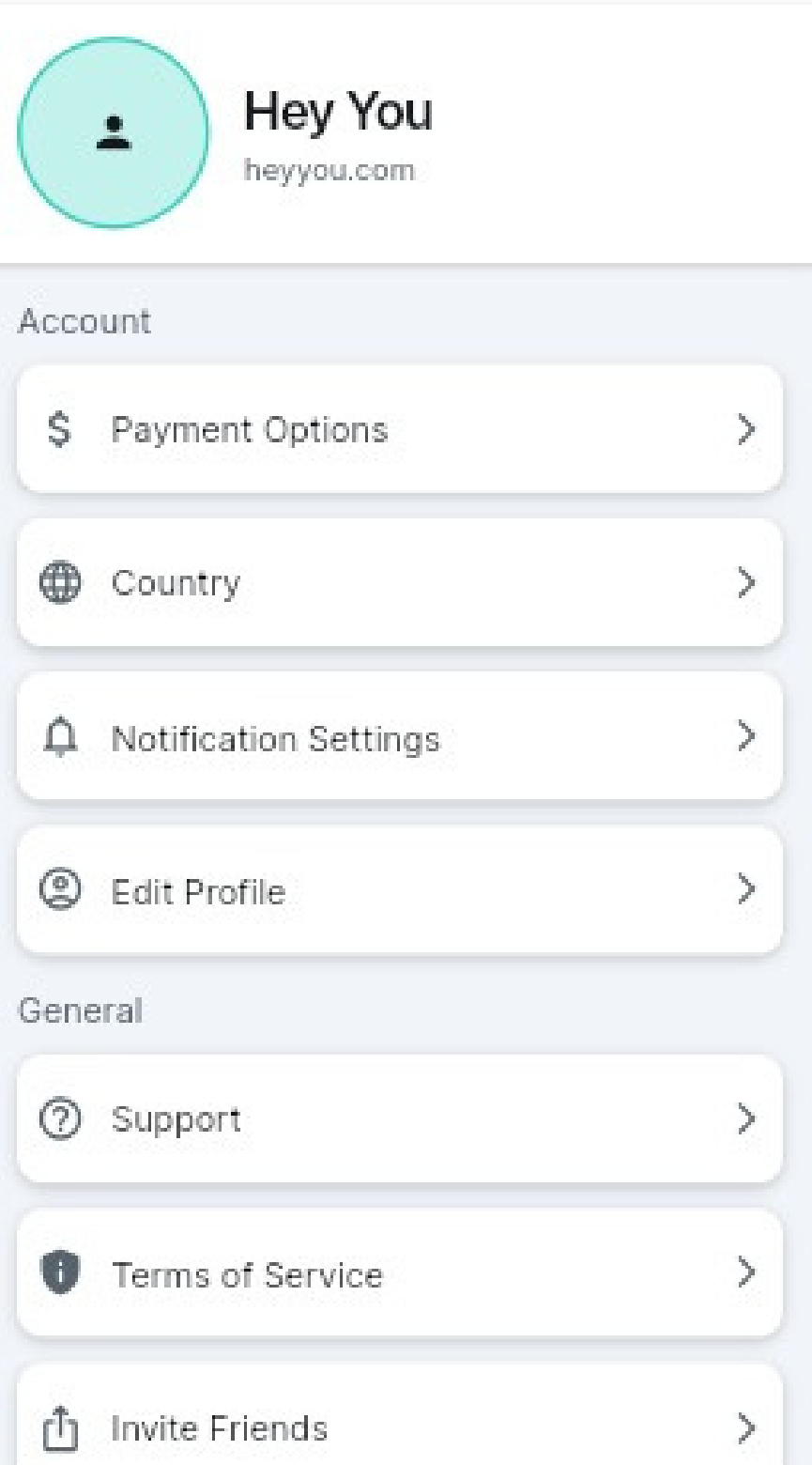
What payment methods are accepted?

We accept credit/debit cards, UPI, digital wallets, net banking, and cash on delivery (where available).

Chat Now

GROCERY MART

Application Screenshots



GROCERY MART


Project / Product Roadmap | Milestones | Features

Research & Planning → AI Model Development → UI/UX Design → Prototype


↓
 Market Analysis

↓
 Feature Definition

↓
 Train AI Model

↓
 Data Integration


↓
 Wireframes

↓
 User Testing

↓
 Basic Functionality

↓
 Initial Testing


Testing & Refinement

↓
 Beta Testing

↓
 Bug Fixes

↓
 Final Optimization

→ Deployment


↓
 PublicRelease


↓
 APIIntegration

↓
 Marketing

→ UserFeedback & Iteration

↓
 Performance Analysis

↓
 FeatureEnhancements

↓
 Continuous Updates

Thank you