Mobile Application

Clothing Ecommerse Application

Present by
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Sim Kimchhun

Fashion sale

Check

New
You've never seen it before!

View all

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NEW

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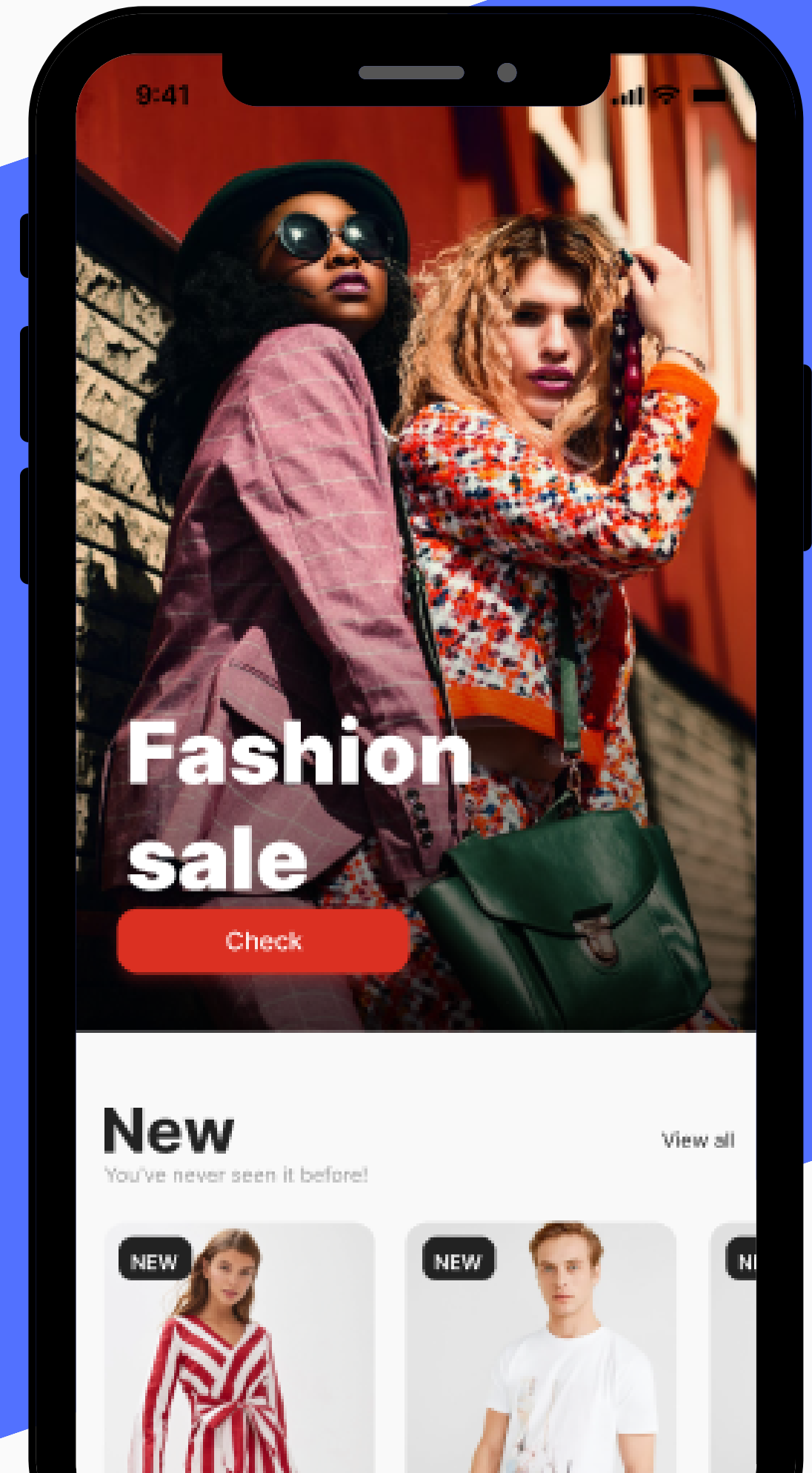
Team Structure

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UI/UX Designer

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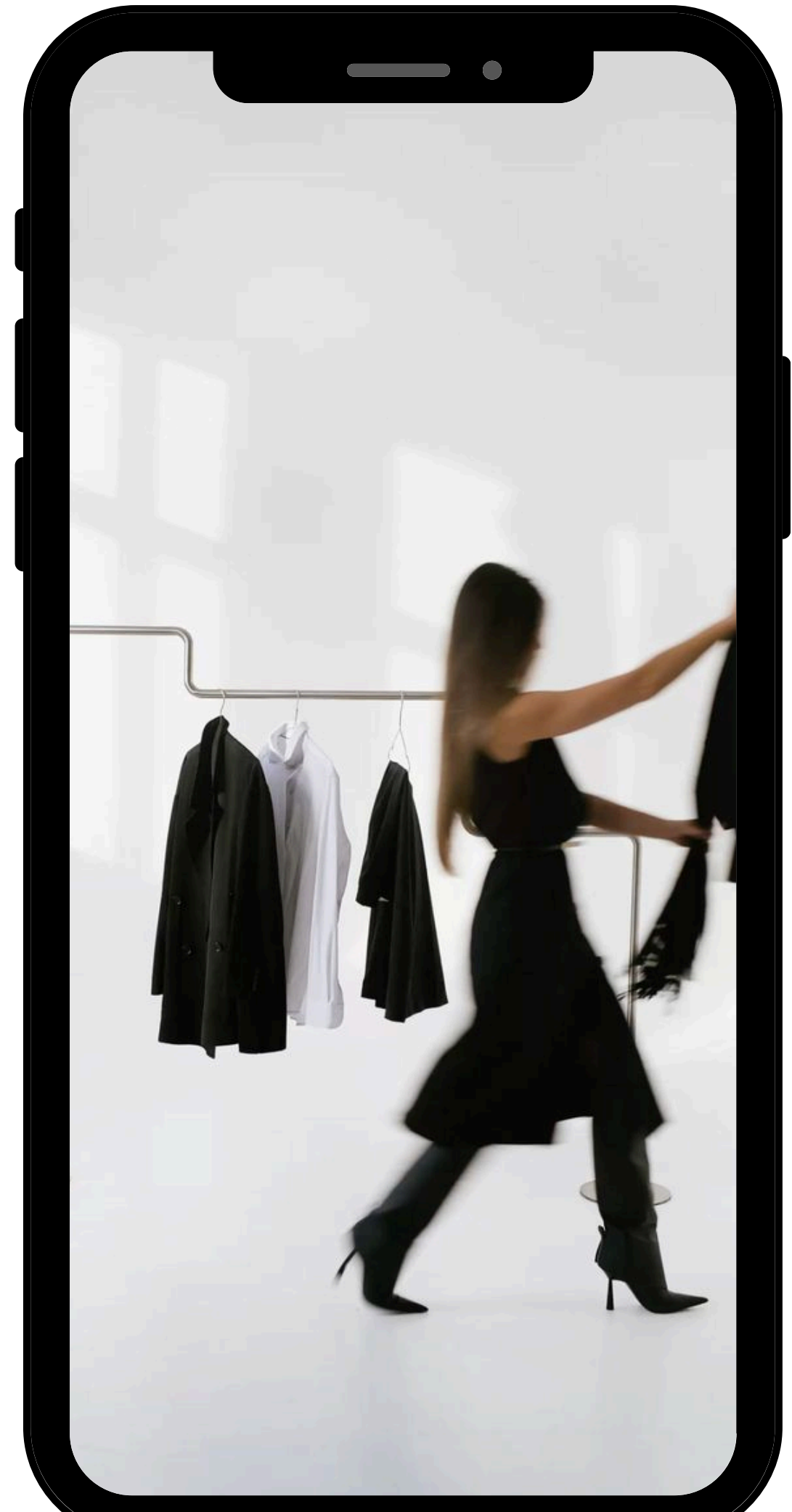
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Sim Kimchhun

Project Manager

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Clothing E-Commerse Application

The application is a clothing e-commerce platform that allows users to browse, search, and purchase a wide range of clothing items, with features like personalized recommendations, secure payments, and order tracking.

Project Overview

- **Project Overview**
  - **Overview:** The "Clothes E-commerce Application" is an online platform for buying and selling clothes.
  - **Goals:** Create a user-friendly online marketplace, increase product accessibility, and streamline sales.
  - **Objectives:** Secure platform, intuitive UI, integrated payments, efficient product management, high customer satisfaction.
- **Problem & Solution:**
  - **Problem:** Limited access and inconvenient experiences of physical stores.
  - **Solution:** 24/7 online access, diverse product selection, efficient admin tools.
- **Key Features:**
  - **Client:** Product browsing, secure checkout, order tracking, profile management.
  - **Admin:** Product/order management, inventory control, sales reporting.

Project Scope

Inclusion:
1. User Management
2. Product Management
3. Shopping Experience
4. Payment & Order Processing
5. Admin Panel

Exclusions:
1. AI-based styling recommendations (future phase)
2. Social media marketplace integration
3. Physical store inventory sync

Assumptions:
1. Users will primarily access the platform via mobile and web browsers
2. Third-party payment gateways will be used instead of custom payment processing
3. A ready-made shipping solution will be integrated

Deliverables:
1. Fully functional e-commerce mobile application
2. Database schema and API documentation
3. User guides for customers and admin

Acceptance Criteria:
1. Users can register, log in, and manage profiles
2. Customers can browse, search, and purchase products
3. Secure payment processing is fully functional
4. Orders can be tracked by users and managed by admins
5. Website is responsive and performs efficiently

Acceptance Criteria:
1. Limited budget for third-party integrations
2. Compliance with e-commerce laws and data protection
3. Hosting and scalability limitations for MVP phase

Project Architecture

Client-Side (Frontend):

1. Responsive UI
2. Product browsing, filtering, and search
3. Shopping cart and checkout flow
4. User authentication & profile management

Server-Side (Backend):

1. SQLite for product, user, and order management
2. Authentication
3. Payment integration

Database Layer:

1. Stores users, products, orders, and transactions
2. Fast queries with indexing
3. Scalable to handle high traffic

Third-Party Integrations:

1. Payment
2. Shipping
3. Notifications

Project Methology

Implementation:
- The application will implement a native Android clothing e-commerce store with user accounts, product browsing, cart/checkout functionality, and admin tools for product management.

Approach:
- An iterative and incremental approach will be used, focusing on delivering core features first and then adding enhancements.

Tools/Technologies:
1. Programming Language: Java
2. IDE: Android Studio
3. Database: SQLite
4. UI/UX Design: Figma
5. Version Control: Git/GitHub

Development Process:
- Sprints will be used to break down the project into manageable tasks. Continuous integration and testing will be implemented within the Android Studio environment to ensure code quality. Regular communication with stakeholders will be maintained throughout the development lifecycle.

Clothing E-Commerse Application

1st Week

Foundations & Design

Project Setup, Requirements Gathering, UI/UX Design, Architecture Planning

2nd Week

Core Functionality & Front-End

Core Feature Development, Front-End Implementation, Initial Testing
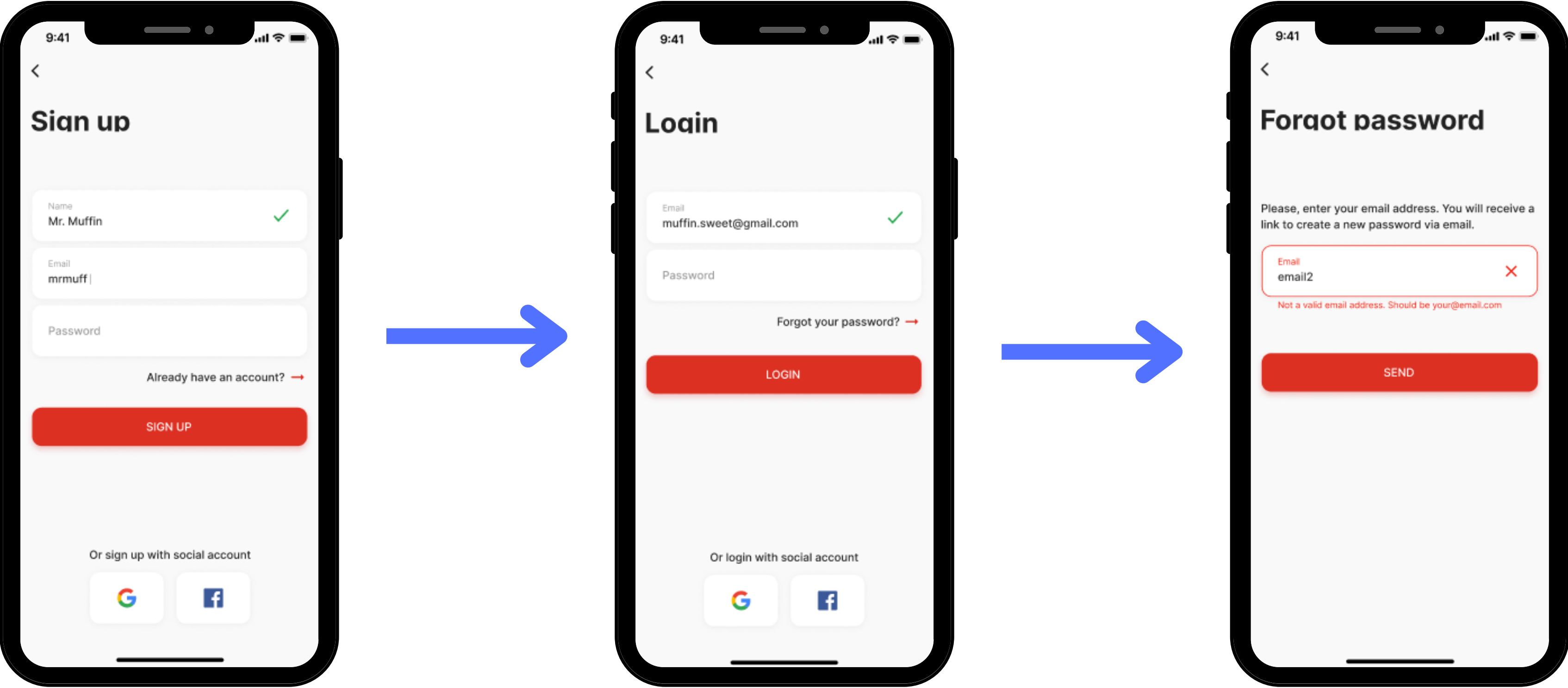
3rd Week

Back-End & Additional Features

Back-End Development, Additional Feature Implementation, Integration & Testing
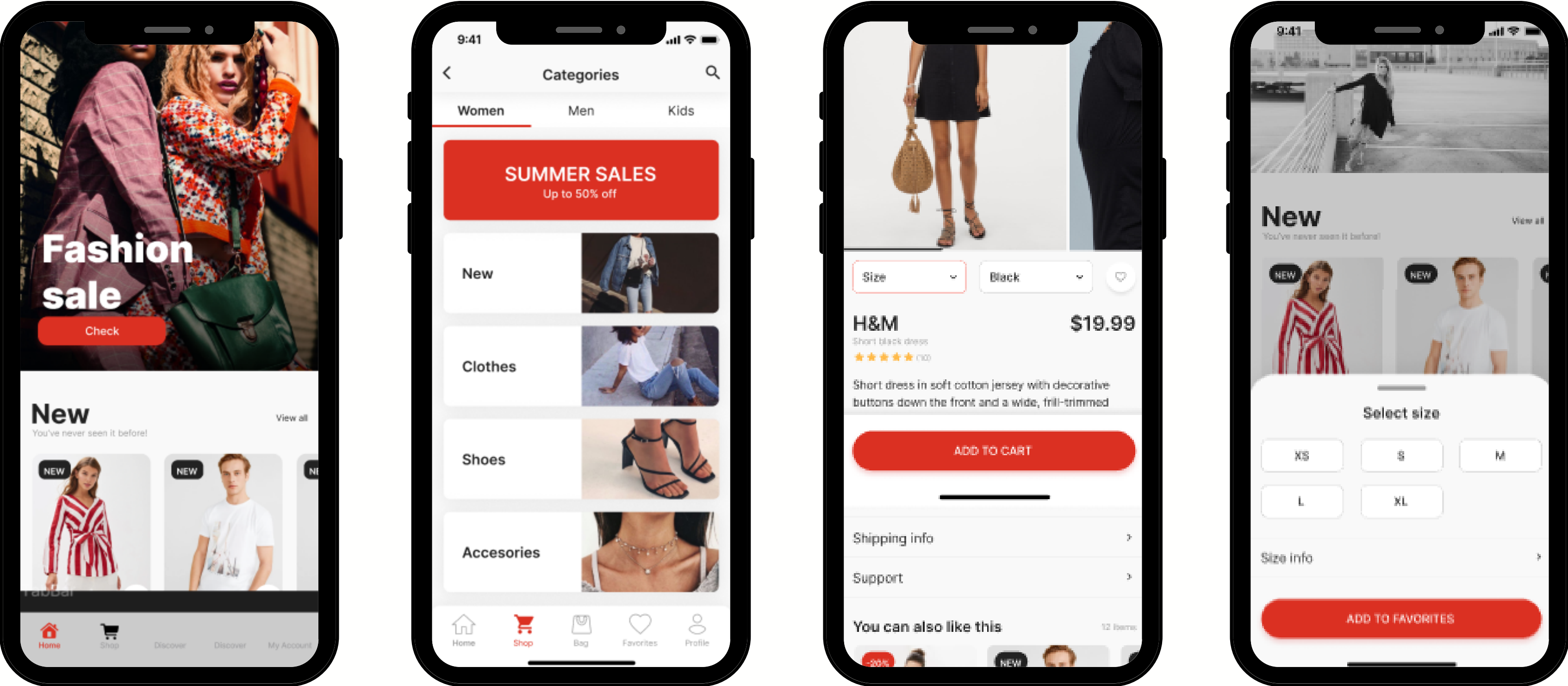
4th Week

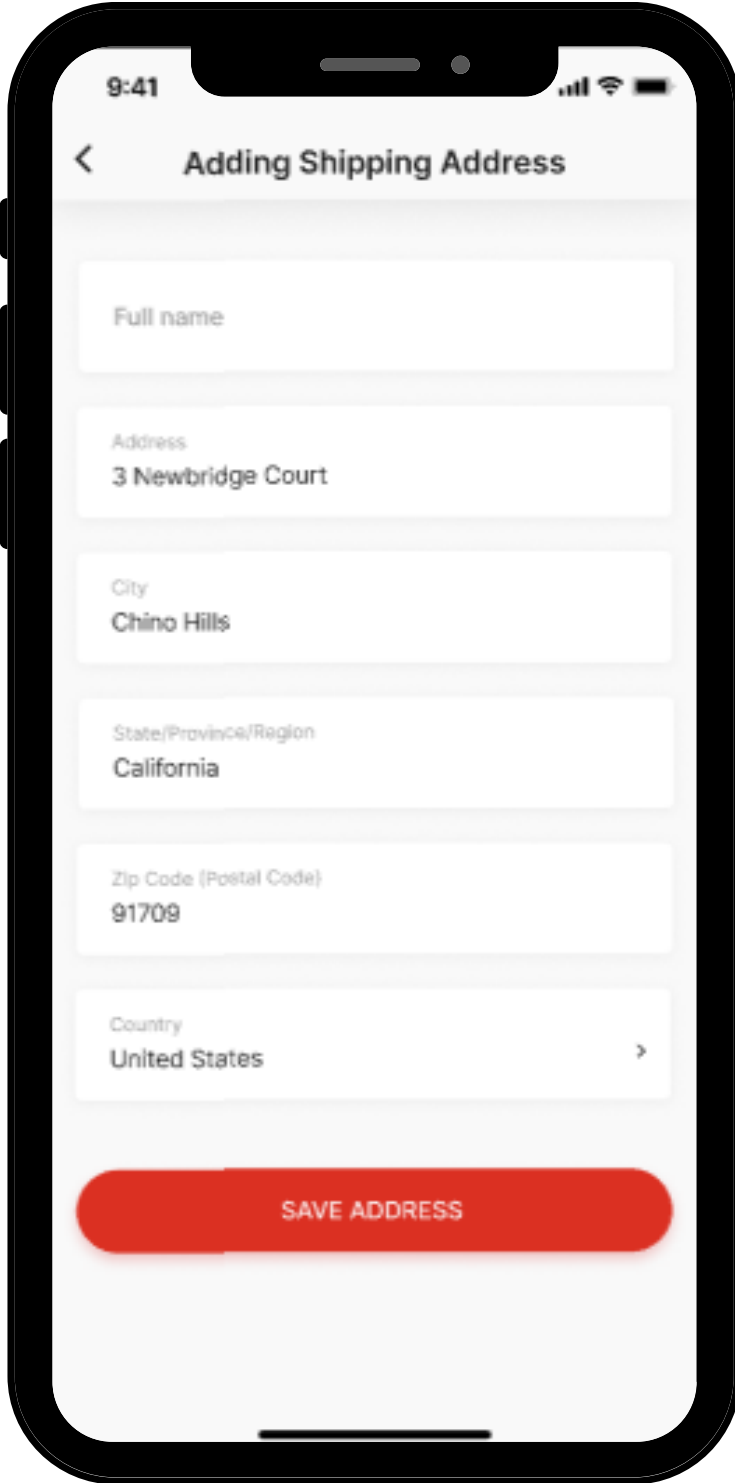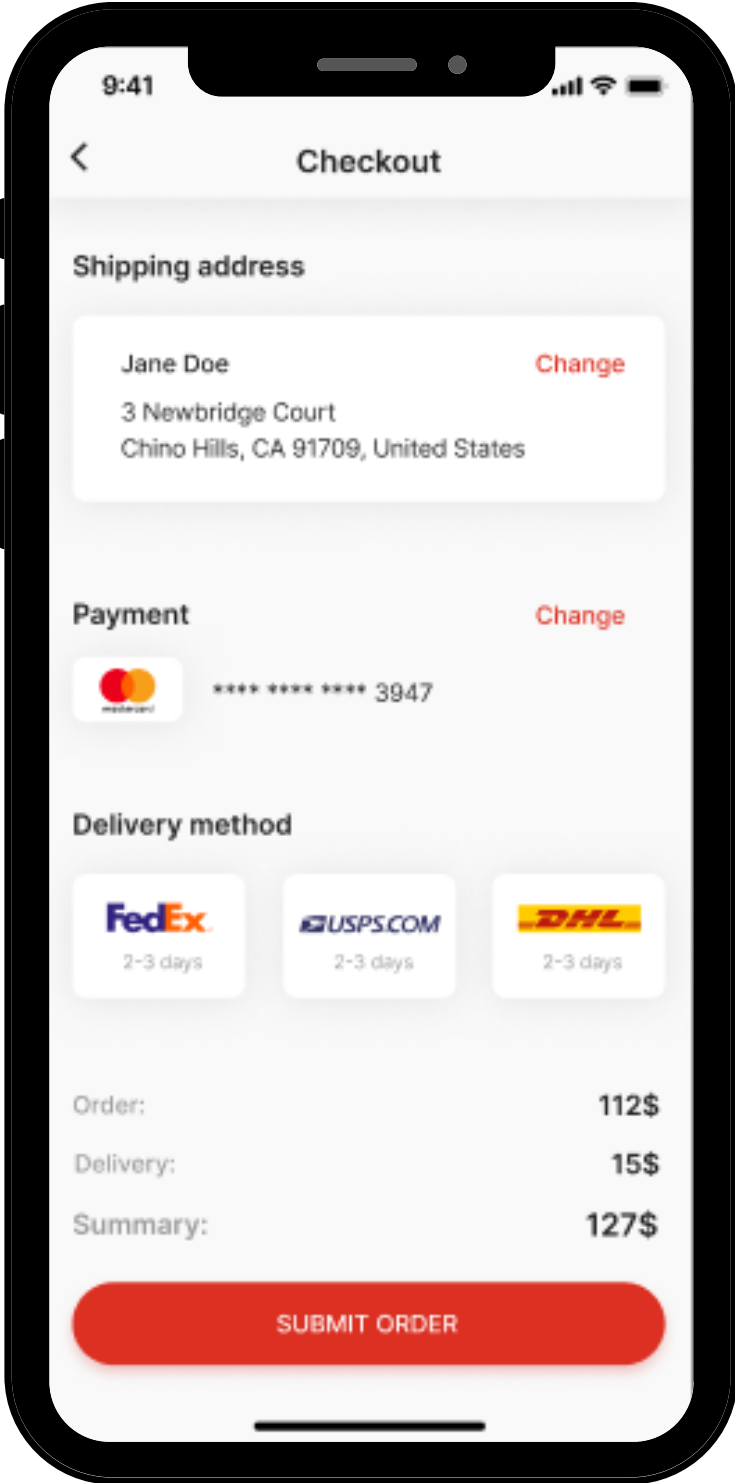**Polish, Testing & Deployment**

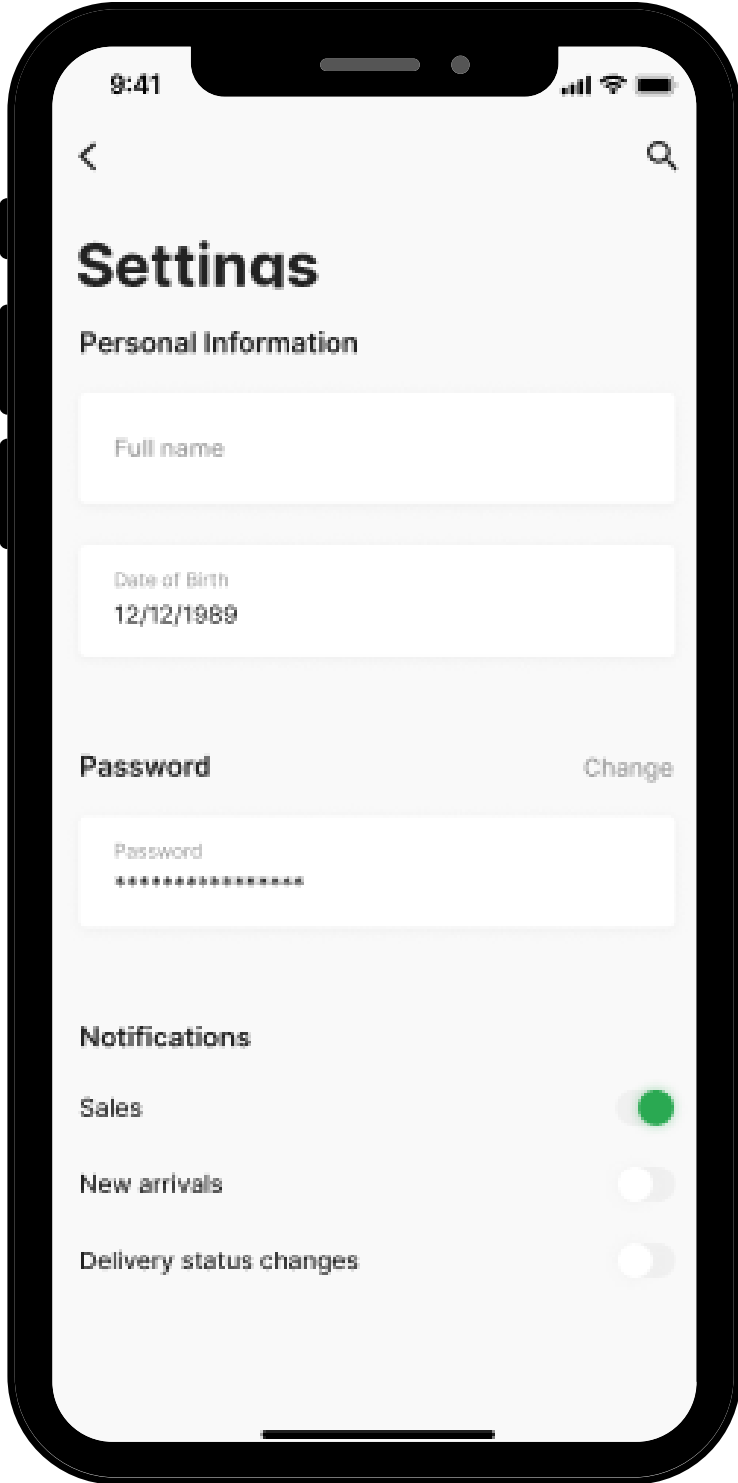Polish & Refinement, Final Testing & Review, Deployment & Launch
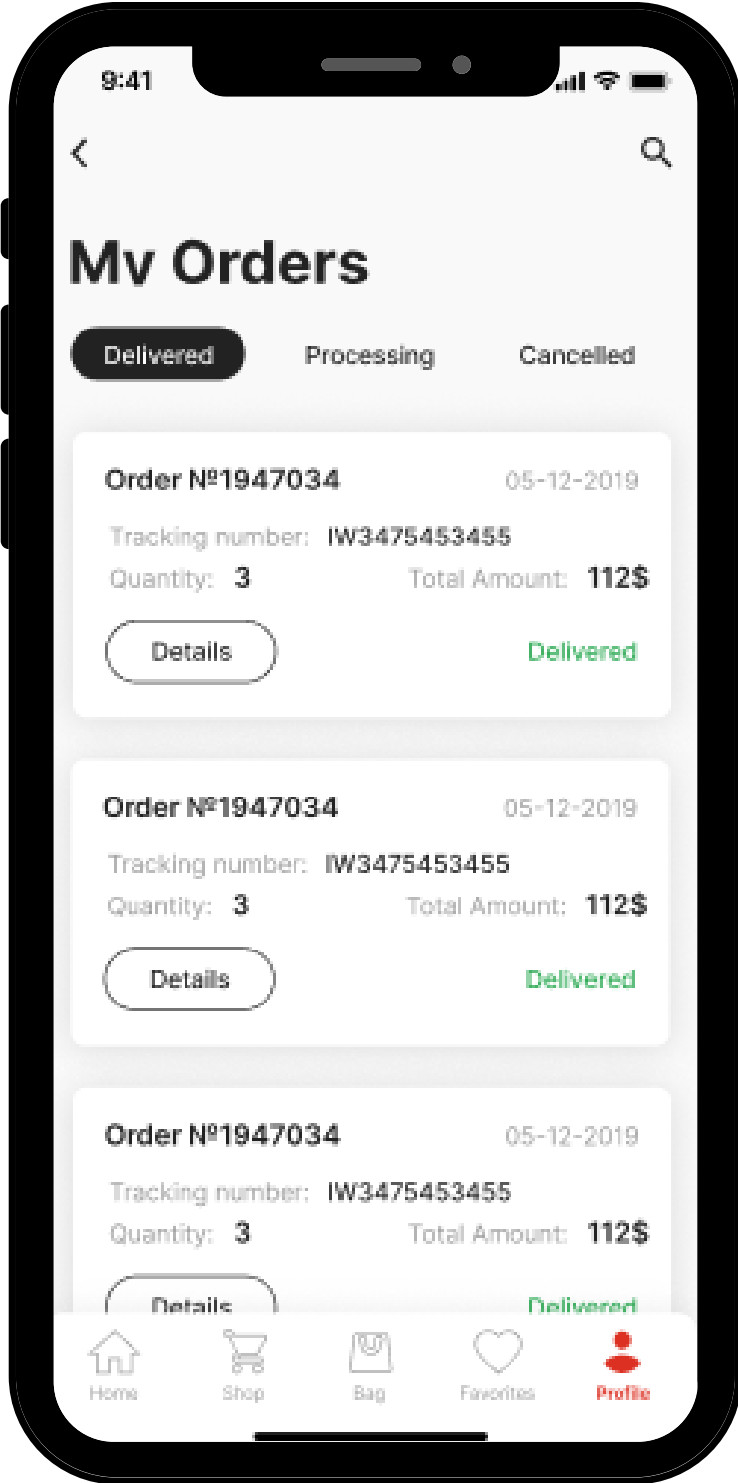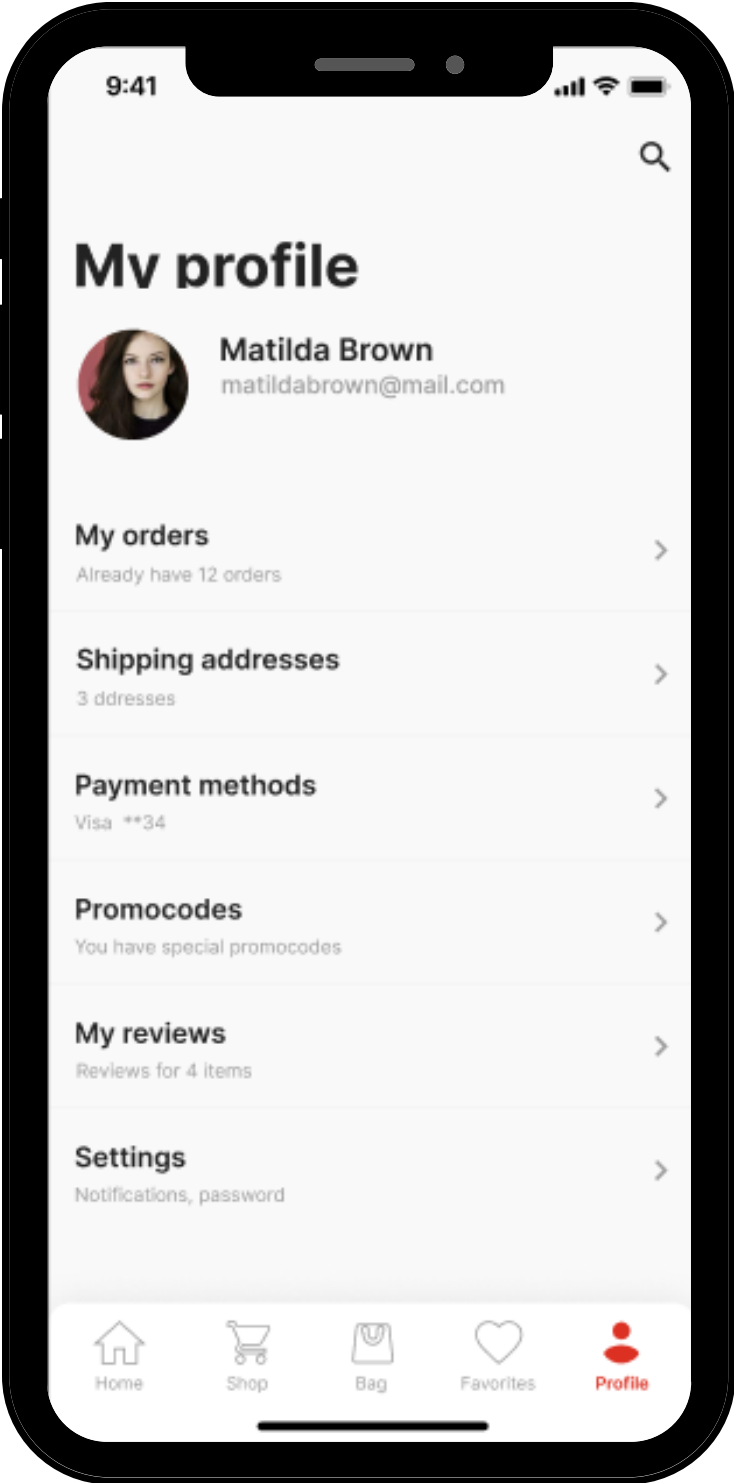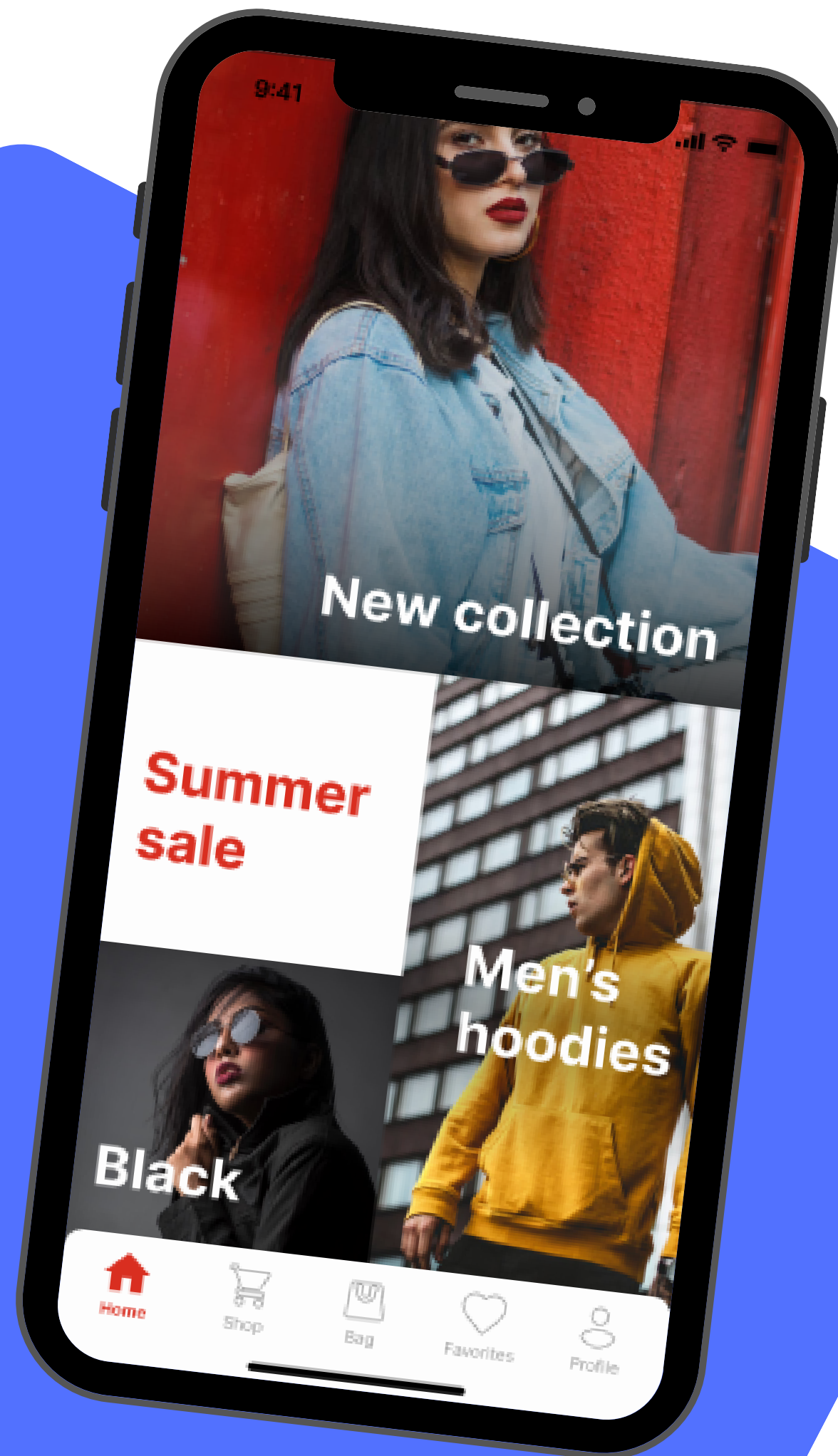
User Interface

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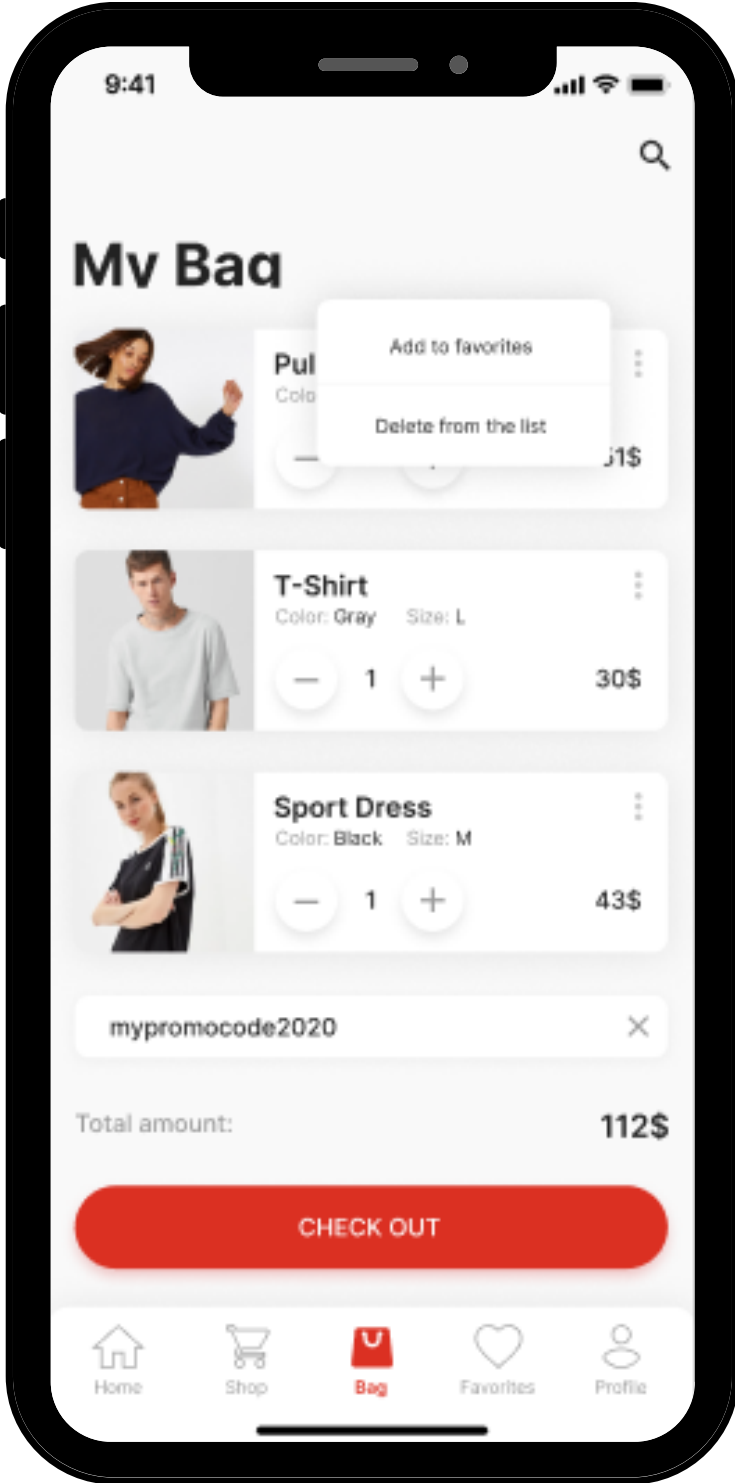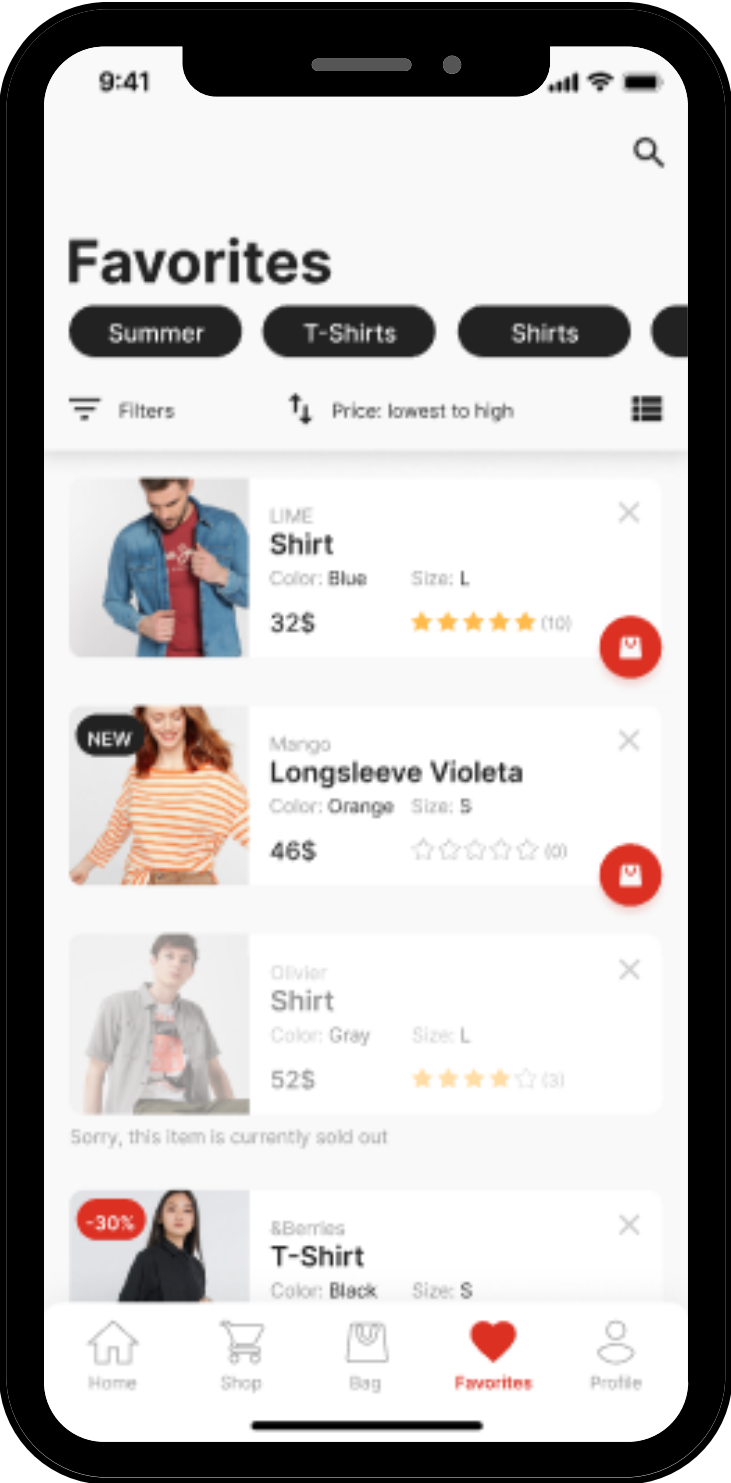
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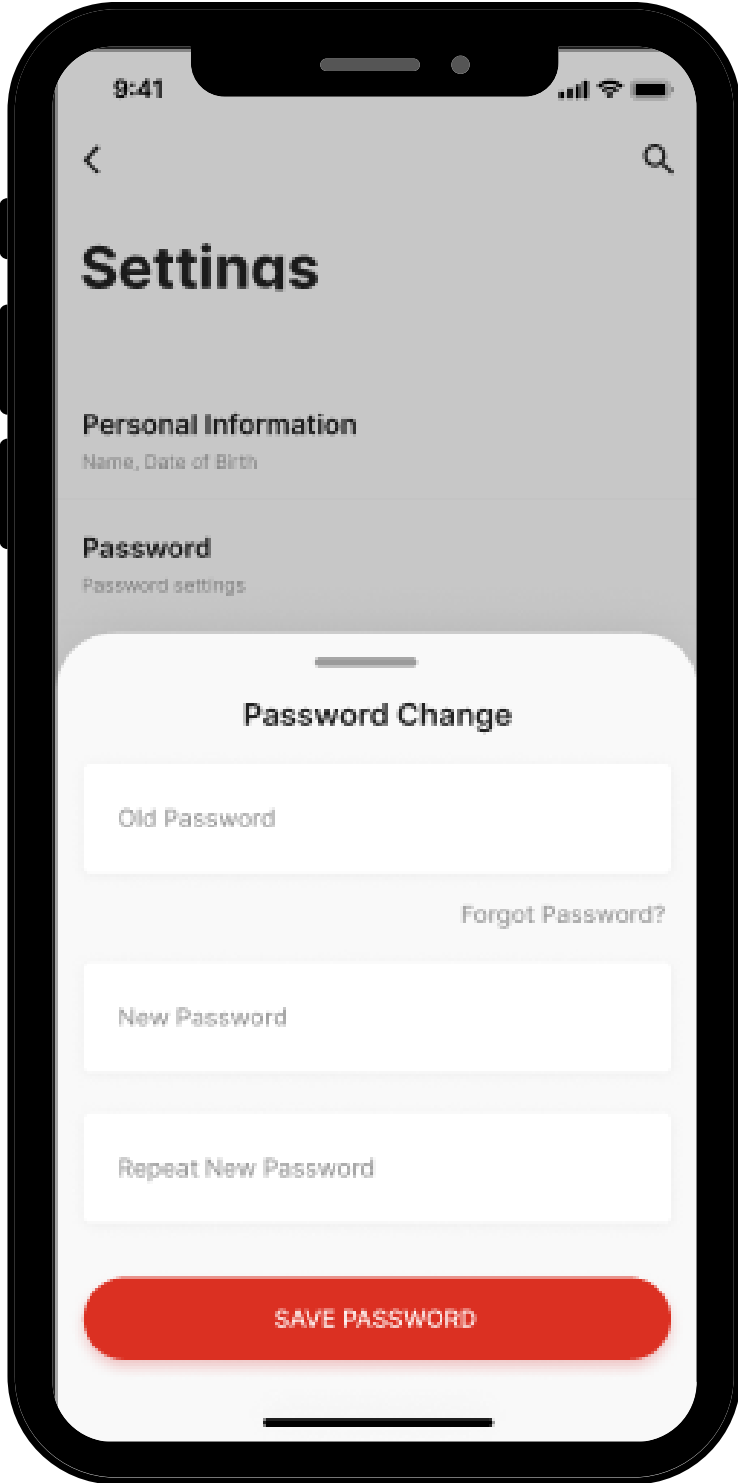
Future Plan
Long-Term Vision (1.5 - 3 Years)

1. International Expansion
   - Enable multi-currency and multi-language support.
   - Partner with global shipping providers.
2. Physical Store & Omnichannel Experience
   - Open pop-up stores or flagship locations.
   - Integrate online and offline shopping with a seamless experience.
3. Sustainability & Ethical Fashion
   - Offer eco-friendly clothing options.
   - Partner with sustainable brands.

Thank you!