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Practical File

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A Project Report On

“Shopo – Fruit Delivery App”

Submitted in partial fulfillment of the requirements for the award of the degree of

Master of Computer Applications - Artificial Intelligence & Machine Learning

Under the department

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Of

CHANDIGARH UNIVERSITY

Discover. Learn. Empower.

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Section: 23MAM-2A

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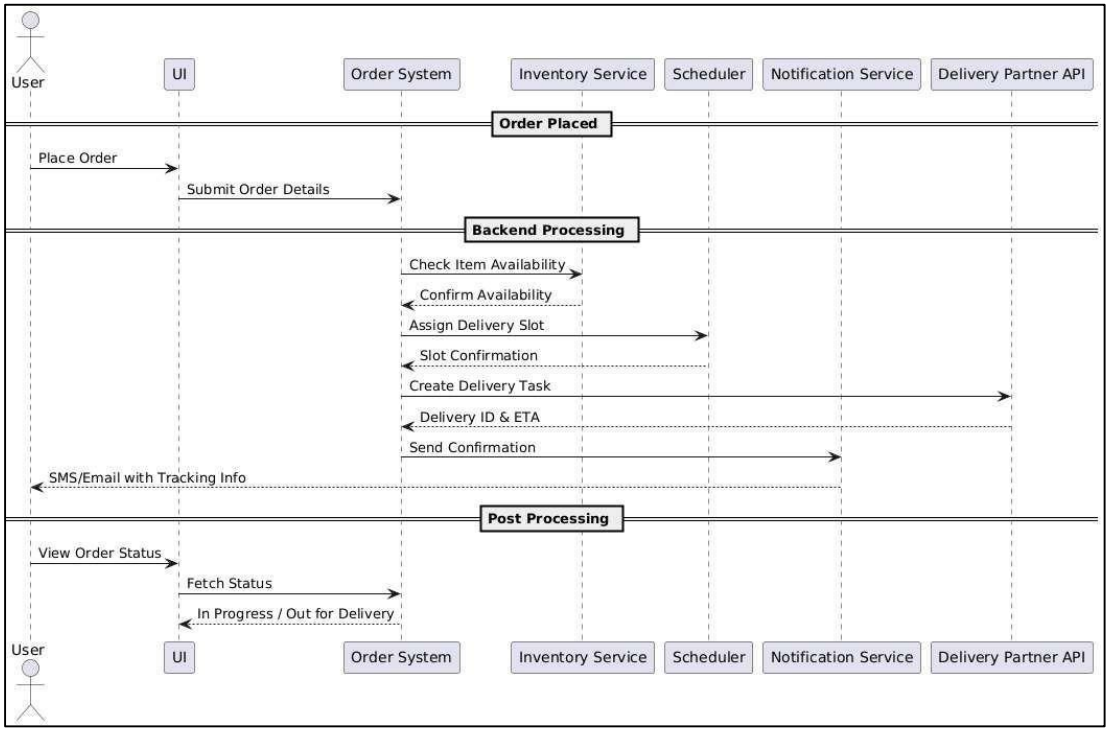
Introduction

Shopo – Online Fruit Delivery App is a comprehensive mobile UI/UX design project conceptualized and developed using Figma. This project addresses the growing demand for seamless, visually appealing, and intuitive digital platforms for online fresh produce and fruit delivery. As more consumers seek quick, personalized, and health-conscious shopping experiences, this design aims to provide a streamlined experience for users when purchasing fruits.

From app launch to product browsing, customization, delivery scheduling, secure payment, and post-purchase interaction, each screen has been meticulously crafted to ensure a consistent, delightful, and user-friendly journey. The design utilizes a modular system that ensures easy scalability and seamless integration into the development pipeline.



A modular and scalable design system underpins the entire UI, ensuring developer readiness and efficient component reuse. The interface draws inspiration from leading e-commerce and grocery delivery platforms while maintaining a distinctive identity tailored to the fresh produce and healthy living niche.

Objective

The primary objective of this project is to design and prototype an efficient and functional online fruit delivery mobile app interface. The key objectives include:

- **Design for Developer Efficiency**: Create a modular, scalable, and developer-friendly UI design system, ensuring easy integration and efficient component reuse.

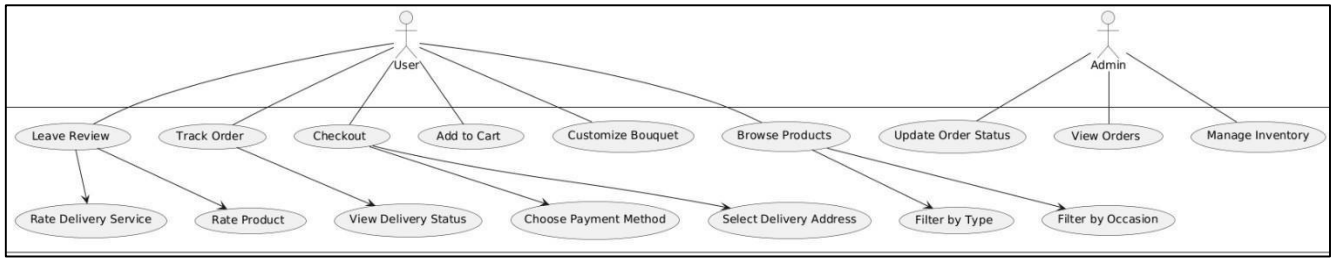
- **Optimize User Workflow**: Design intuitive user flows that streamline the process of browsing flowers, customizing arrangements, scheduling deliveries, and completing secure payments.

- **Interactive Features for Enhanced User Experience**: Implement real-time features like delivery slot selection, occasion-based filtering, and personalized note additions to simulate a seamless and responsive experience.

- **Apply UI/UX Best Practices**: Ensure the interface adheres to accessibility standards, maintains a clear visual hierarchy, and ensures usability across various user profiles.

- **Demonstrate Technical Expertise in Design and Prototyping**: Showcase the ability to create a polished, functional, and adaptable UI design that is ready for further development and implementation in a real-world app.

Features and Functionality



3.1. User Interface Elements:
• Visually engaging intro screen with a dynamic logo animation.
• Home screen showcasing popular fruits, categories, and seasonal picks.
• Product detail pages with options for fruit types, quantity selection, and nutrition highlights.

3.2. Product Categories:
• Occasion-Based: Gift Hampers, Festive Packs, Get-Well-Soon Boxes, etc.
• Type-Based: Citrus, Berries, Tropical Fruits, Stone Fruits, Organic Selections.
• Customizable Boxes: Build-your-own fruit basket feature.

3.3. Cart and Customization:
• Dynamic cart displaying real-time updates and visual summaries of selected fruits.
• Options for adding personalized messages, scheduling delivery, and choosing eco-friendly packaging
• Discount section with coupon code entry and instant validation.

3.4. Delivery and Scheduling:
• Map-based address selection using pin-drop functionality.
• Save delivery addresses with custom labels (e.g., Home, Office, Gifting).
• Delivery calendar with time slot picker and availability indicators.

3.5 .Payment and Checkout:
- Multiple payment integrations: UPI, credit/debit cards, wallets, net banking, and cash on

delivery.

- Secure checkout with payment confirmation, estimated delivery time, and tracking options.

3.2. User Profile:

- Dashboard with user photo, contact details, and preferences.
- Order history with status tracking and reorder options.
- Support section for raising issues or initiating live chats.
- Referral and loyalty program.

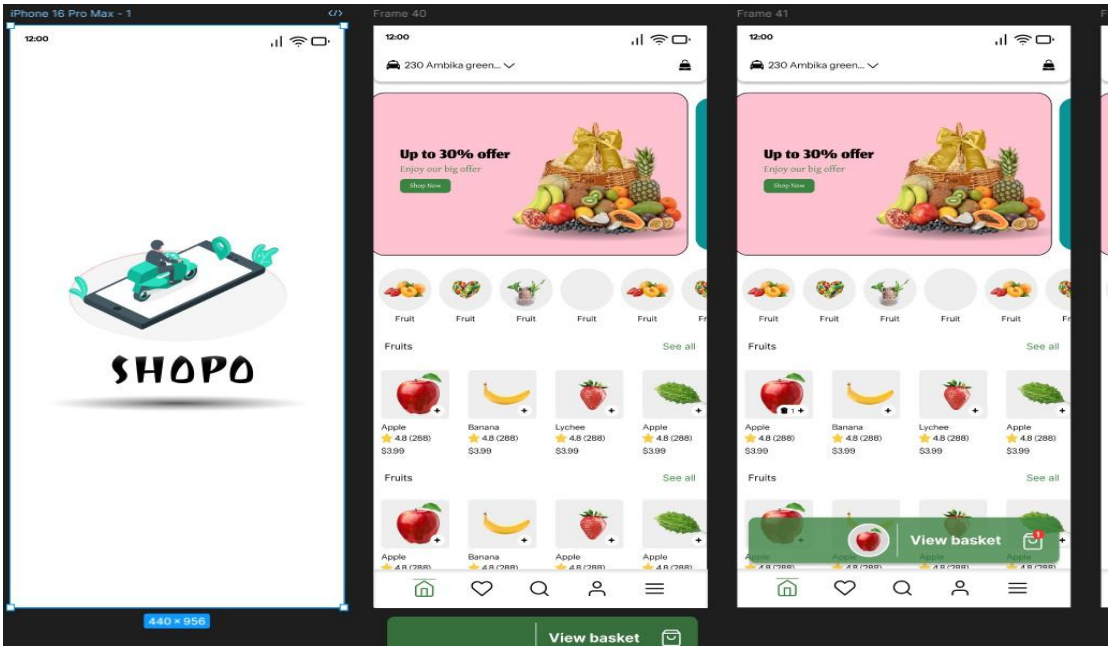
3.3. Navigation System:

- Bottom tab bar with icons: Home, Explore, Orders, Cart, Profile.
- Smooth transitions and swipe gestures for product browsing.

Documentation and User Guide

4.1. App Onboarding:

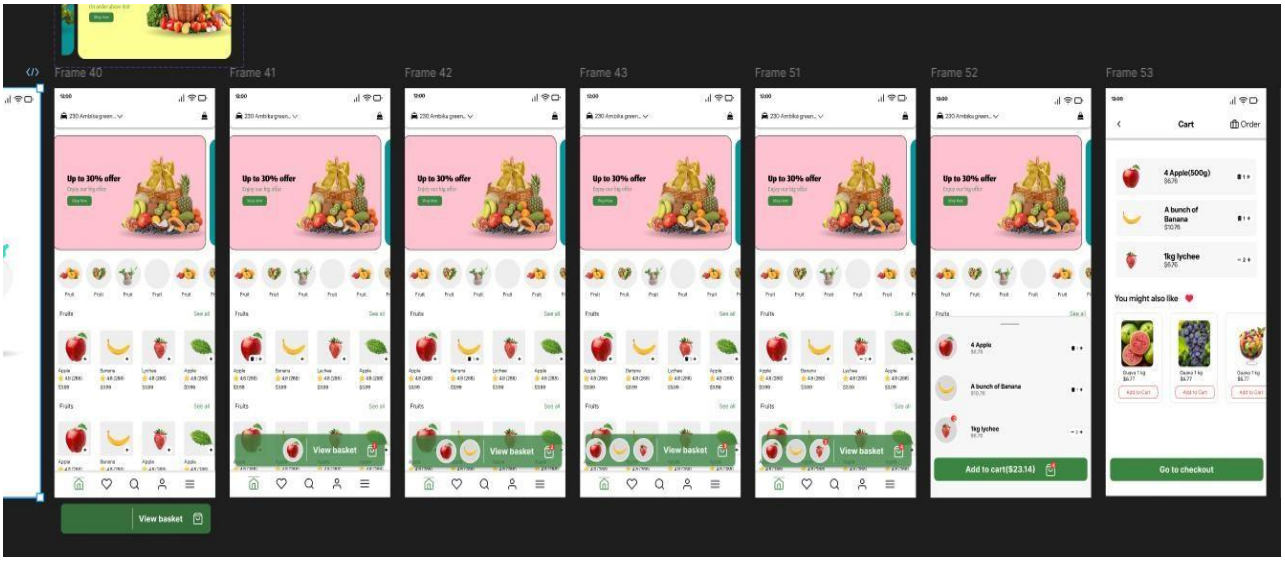
- Animated welcome screen followed by onboarding slides highlighting key features.



- Quick login/sign-up via email, phone, or social media.

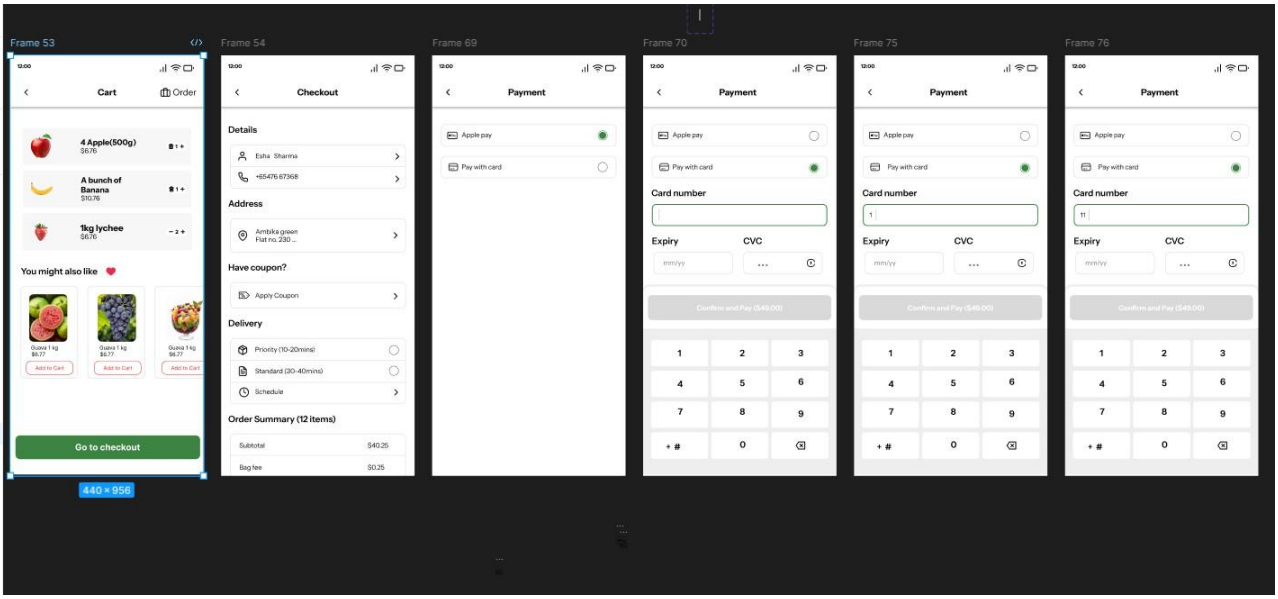
4.2. Product Discovery:

- Category sliders, trending bouquets, and integrated search bar with suggestions.
- Filters based on flower type, price range, and occasion.



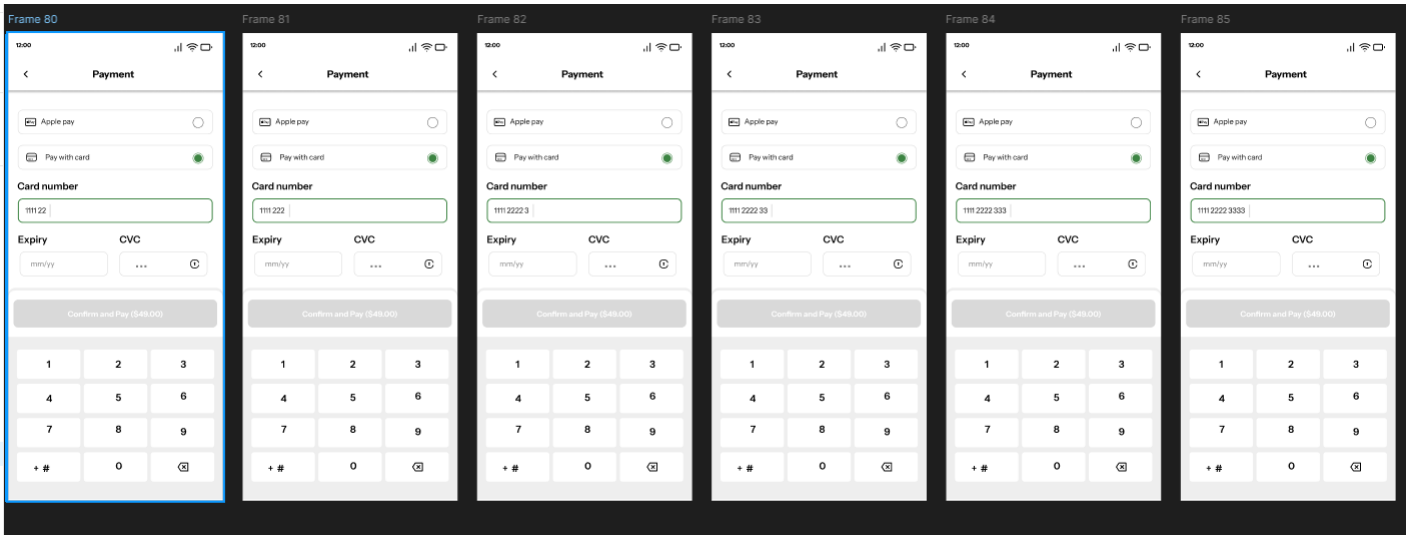
4.3. Customization and Cart:

- Add special notes, select wrapping style, and choose delivery date.
- View detailed breakdown of subtotal, taxes, and discounts.



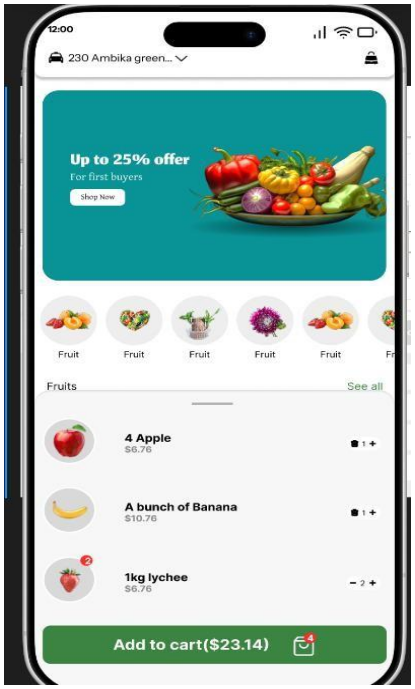
4.4. Payment and Confirmation:

- Select payment method and complete secure checkout.
- Display order summary, estimated delivery, and tracking ID.



4.5. Post-Purchase Actions:

- Track orders in the "My Orders" section with real-time status updates.
- Option to review products and services.
- Raise support tickets or request refunds or reorders.



Conclusion & Future Enhancements

5.1 Conclusion:

Shopo – Fruit Delivery App UI design provides a clean, efficient, and user-friendly platform that meets modern demands for intuitive mobile shopping experiences. The design optimizes the user journey, ensuring that key tasks such as browsing fruits, customizing baskets, and completing orders are straightforward and accessible. The UI is development-ready, featuring a modular and scalable design system that supports smooth and efficient future app development.

5.2 Future Enhancements:

To transition this UI into a fully functional mobile app, the following enhancements are proposed:

- **App Development**: Complete app development using frameworks like Flutter or React Native for cross-platform functionality.
- **Backend Integration**: Use Firebase for real-time delivery tracking, user authentication, and cloud storage.
- **AI Recommendations**: Implement machine learning models to provide personalized suggestions based on user behavior and seasonal trends.
- **Admin Dashboard**: Develop an order management system for inventory tracking and order fulfillment.
- **Push Notifications**: Integrate notifications for promotions, updates, and reminders.
- **Multi-Language Support**: Expand app accessibility by incorporating regional and multi-language support.
- **Augmented Reality**: Add AR functionality for users to visualize bouquets before placing an order.

Software Requirements-

-Figma

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