FoodaHolic Delivery App UI

A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this project report **"Foodolic Delivery App UI"** is the bonafide work of **"Snigdha Khan"**, **"Tamanna Chandel"** who carried out the project work under my/our supervision.

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INTERNAL EXAMINER   **EXTERNAL EXAMINER**

Submitted for the project viva-voce examination held on…………………..

Chapter 1: Project Description

In today's fast-paced digital world, online food delivery has become an essential service, especially in urban lifestyles where convenience and speed are critical. With the growing popularity of mobile-based ordering systems, there's a strong demand for well-designed user interfaces that simplify the ordering experience while ensuring functionality and aesthetic appeal.

The idea behind this project, "Foodaholic: A Food Delivery UI Interface", was born out of the need to design an intuitive and engaging application that bridges the gap between food service providers and hungry customers. The goal is not just to showcase a list of restaurants and meals, but to offer a visually pleasing, efficient, and enjoyable journey for the user—from hunger to satisfaction.

This UI prototype emphasizes clarity, responsiveness, and ease-of-use, making it ideal for people of all age groups, including first-time users of digital food delivery platforms. The interface has been conceptualized to reduce friction in user interaction while incorporating modern design principles, such as minimalism, color psychology, and smooth navigation.

The project titled "Foodaholic: A Food Delivery UI Interface" is a mobile application prototype designed to streamline the food ordering and delivery process through an intuitive, user-friendly, and visually appealing interface. This application primarily focuses on helping users search for restaurants, browse food items, place orders, make payments, and track deliveries from start to finish. It replicates the core functionality found in leading food delivery platforms like Swiggy, Zomato, and Uber Eats, tailored with a personalized design approach.

The UI is crafted in a way that provides a seamless experience from user onboarding to post-delivery feedback. The app includes welcome and onboarding screens, authentication (sign-up, sign-in, and password recovery), profile management, restaurant and food exploration, cart functionality, address and payment integration, order tracking, delivery confirmation, and review collection.

What sets this project apart is its detailed flow structure, ensuring that no step is skipped in the user journey—from initial access to food discovery, customization, ordering, and delivery. The entire experience is kept visually engaging with illustrations, icons, and a color-coded design language (e.g., red for primary CTAs, green for order success), all of which enhance usability.

This app prototype was designed using tools like Figma, and can serve as a strong blueprint for developers aiming to build a real-world food delivery application. It is ideal for UI/UX case studies, mobile development planning, or educational demonstration purposes.

Chapter 2: Objectives

In the competitive digital marketplace, user interface design must do more than just look good — it must solve real problems, improve accessibility, and create value for users. With this in mind, the Foodaholic UI Interface project was built on a foundation of strategic goals that address both user expectations and business functionality.

The objectives of this project aim to align design thinking with practical use cases, ensuring the app not only attracts users with its visual appeal but also retains them through a smooth and effective experience. These objectives were set during the planning phase and guided every element of the UI—from wireframes and iconography to color schemes and interaction flows.

The main objectives of the Foodaholic UI Interface app are as follows:

1. User-Centric Design

The app is designed to place the user at the center of the experience. The flow ensures ease of use for both first-time and returning users. With a clear and straightforward navigation structure, even non-tech-savvy users can easily explore the app.

2. Efficient Food Discovery and Ordering

The interface enables users to browse restaurants, view menus, filter based on food categories, and make a selection quickly. The goal is to reduce the number of steps between craving food and getting it delivered.

3. Secure and Simple Authentication

The onboarding flow includes sign-up, sign-in, and forgot password options, with validations to ensure correct inputs. OTP verification is included for added security. To safeguard user accounts, the app provides a secure login process with validations and OTP verification.

4. Customizable Profiles and Addresses

Users can edit their profiles, update personal details, and manage multiple delivery addresses. This adds a layer of personalization to the app.

5. Interactive Cart and Checkout Flow

The cart UI allows users to review and modify orders before placing them. Payment selection and order confirmation screens ensure transactional clarity.

6. Real-Time Order Tracking

The app simulates a real-time delivery experience with visual indicators such as "Order Received", "On The Way" and "Delivered". Users can also view their order history. create a more interactive and reassuring experience.

7. Feedback and Rating

After delivery, users are encouraged to provide ratings and feedback, which helps improve service quality and future user engagement. After the order is complete, users can share their experience by rating the service and leaving comments. This feedback loop is crucial for maintaining quality and improving the app's services.

Chapter 3: Features and Functionality

The Foodaholic app UI is designed with a comprehensive set of features that replicate the core functionality of real-world food delivery platforms. Every screen and flow has been carefully planned to ensure a smooth, intuitive, and engaging user experience, from launching the app to completing a successful order and providing feedback.

This chapter outlines the key features and modules integrated into the app prototype. These components work together to create a unified and user-centric interface that meets modern expectations for food delivery services. Each element is backed by user interface best practices and focuses on performance, accessibility, and visual appeal.

1. Onboarding Screens

The onboarding screens introduce the purpose of the app with attractive illustrations and short texts like "Choose from the best food" and "Get your food delivered instantly."

2. Authentication Module

- **Sign Up/Sign In**: Users can register or log in using email and password.
- **Forgot Password**: Users can reset their password using email verification and OTP input.
- **OTP Verification**: Ensures secure access with a 6-digit verification code.

3. Profile and Settings

- **View/Edit Profile**: Users can upload a photo, update their name, phone number, and email.
- **Logout**: Secure sign-out option.

4. Home Dashboard

- **Search Bar**: Users can search for restaurants or dishes.
- **Featured Restaurants**: Displays trending or recommended restaurants.
- **Food Categories**: Allows browsing by food types (e.g., Indian, Chinese, Desserts).
- **Dish Cards**: Each dish card includes an image, price, and "Add to Cart" button.

5. Cart and Checkout

- **View Cart**: Summary of selected items with quantity and total price.
- **Apply Coupon**: Users can apply discount codes.
- **Delivery Address Selection**: Choose or add a new address.
- **Payment Gateway**: Options like COD, UPI, or card (shown as placeholders).

6. Order Tracking

- **Real-Time Status**: Visual steps like "Order Received," "Arriving," and "Delivered."
- **Map View**: Basic route display (conceptual in UI).
- **Estimated Time**: Countdown or ETA for delivery.

7. Post-Delivery Feedback

- **Rating Stars**: Select 1–5 stars for the delivery experience.
- **Comment Box**: Write detailed feedback or complaints.

8. Order History

- View past orders with options to reorder or rate them.

Chapter 4: Documentation of User Guide

This section serves as a detailed user guide for navigating the Foodaholic mobile application. It walks users through each phase of interaction with the app — from the moment they open it to placing an order, tracking its progress, and submitting feedback after delivery.

The goal of this documentation is to ensure that users of all levels — whether tech-savvy or beginners — can fully understand and comfortably use the app. It outlines the user flow in a clear, structured, and easy-to-follow format, mirroring the design and experience presented in the UI prototype.

This guide also supports future developers or stakeholders who may want to use this prototype as a base for a real application by providing an overview of how users are expected to interact with the interface.

Getting Started:

- **Launch the App**
  - Open the Hungry Food app on your device.
  - The Welcome Screen appears featuring the app logo and artwork.
- **Onboarding Slides**
  - Swipe through a series of slides introducing the app's key features:
    - Choose favorite dishes
    - Get your food delivered
  - Tap "Next" to move between slides.
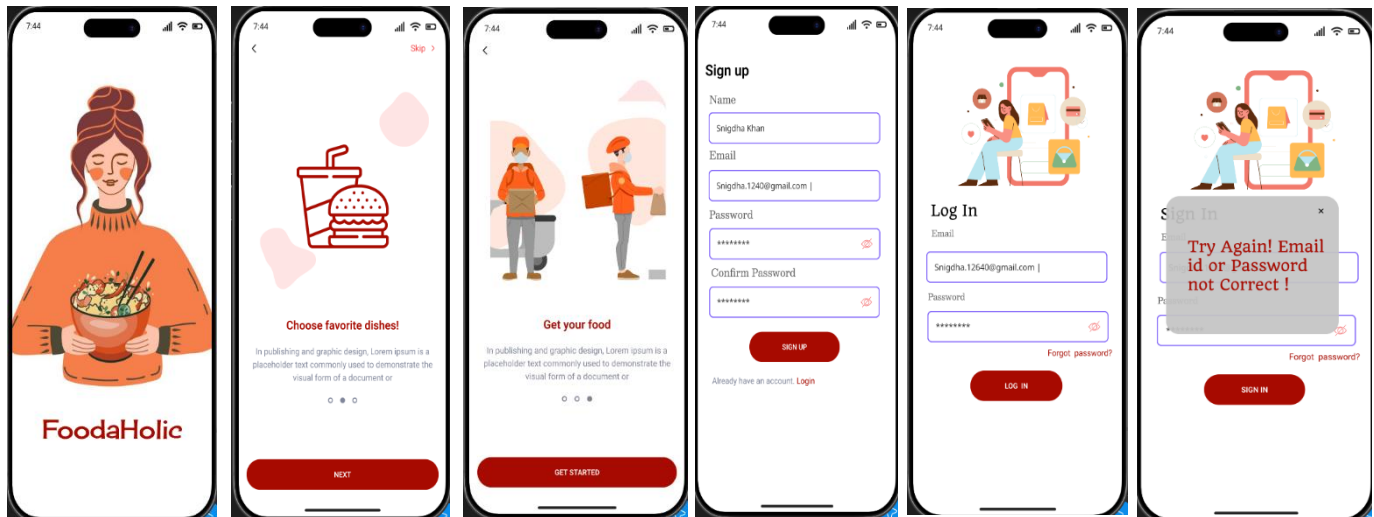 - Tap "Get Started" to proceed to the sign-up/sign-in options.

User Authentication:

New Users:

- **Sign-Up**
  - Tap "Sign Up".
  - Enter your Name, Email, Password, and Confirm Password.
  - Tap "Sign Up" to create your account.

Existing Users:

- **Sign-In**
    - Tap "Sign In".
    - Enter your registered Email and Password.
    - Tap "Log In" to access your account.
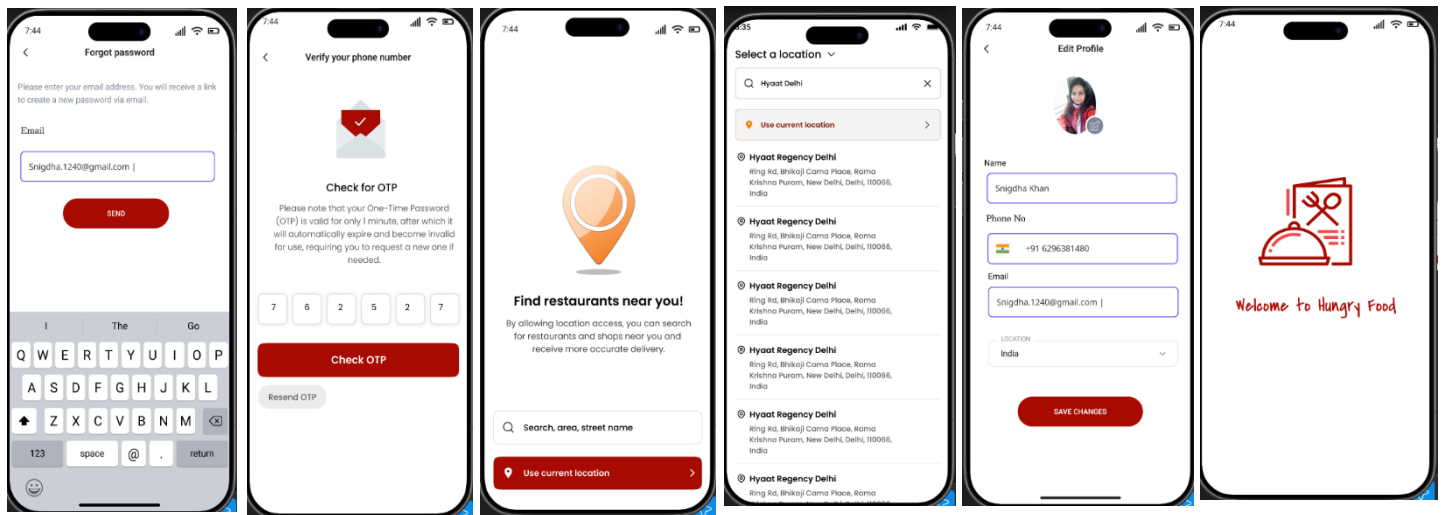

Forgot Password:
- **Password Recovery**
    - Tap "Forgot Password?" on the Sign-In screen.
    - Enter your registered Email and tap "Send".
    - Check your inbox for a verification code (OTP).
- **Verify OTP**
    - Enter the received code in the provided field.
    - Tap "Confirm".
- **Reset Password**
    - Enter a New Password and confirm it.
    - Tap "Reset Password" to complete the process.

Error Handling:
- **Invalid Sign-In Attempt**
    - If incorrect credentials are entered, an error message appears: "Try Again! Email ID or Password not Correct!"

Home Interface:
- **Verify Phone Number (if needed)**
    - Enter your phone number and request an OTP.
    - Enter the OTP to verify and proceed.

- o **Find Nearby Restaurants**
  - Use the search bar to manually locate restaurants or tap "Use current location" to auto-detect nearby spots.
- o **Home Screen Overview**
  - Browse featured dishes and exclusive offers displayed on the home page.
  - Use the search bar to look up specific restaurants, dishes, or cuisines.
- o **Filter by Categories**
  - Tap on any category (like Indian, Chinese, Desserts etc.) to filter food options by type.
  - Select a Dish
  - Tap on a dish to open its detailed view with images, description, pricing, and customization options.

Cart and Checkout:
- o **Add to Cart**
  - In the dish details view, select the quantity and tap "Add to Cart".
- o **View Cart**
  - Tap on the cart icon to see your selected items.
  - Review dish names, quantities, and prices.
- o **Update or Remove Items**
  - Increase or decrease quantities.
  - Remove items if needed.
- o **Proceed to Checkout**
  - Tap "Checkout" to continue.
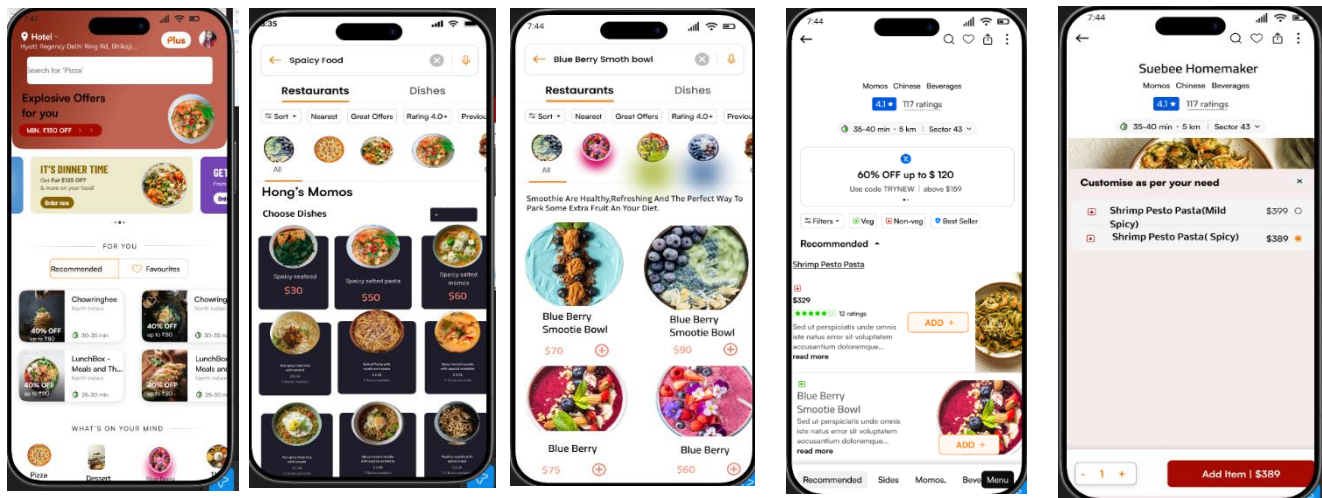- o **Select Delivery Address**
  - Choose from saved addresses or enter a new one.
- o **Choose Payment Method**
  - Select your preferred payment option (like UPI, card, or cash on delivery).
- o **Place Order**
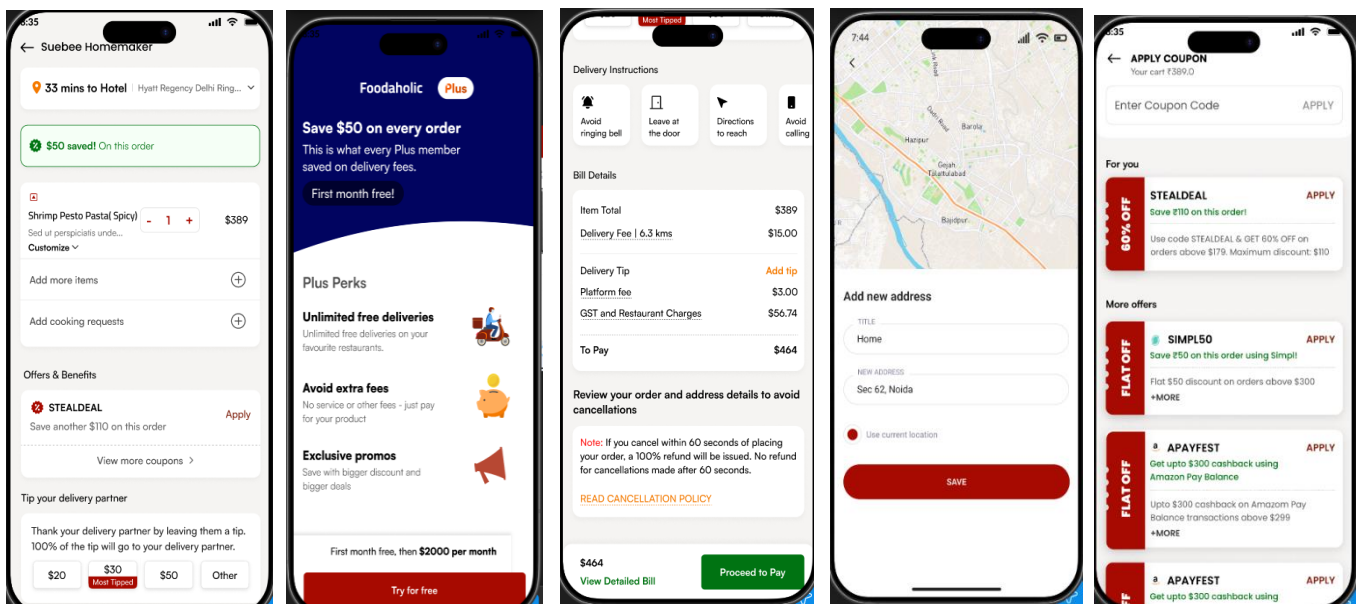 - Tap "Place Order" to finalize and submit your order.

Track Order:
- After placing an order, you're redirected to the tracking screen.
- Follow progress through steps: Confirmed → Cooking → On the way → Delivered.
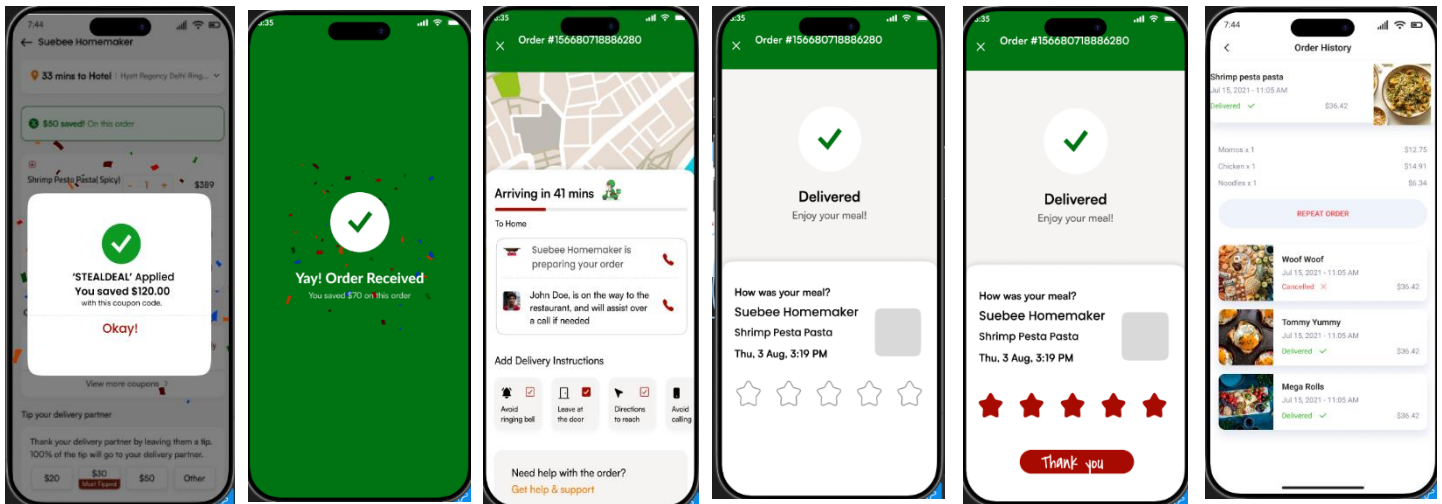
Rate Order:
- Once delivered, a rating screen will appear.
- Choose the star rating for your experience.
- Optionally, leave comments for the restaurant or delivery partner.
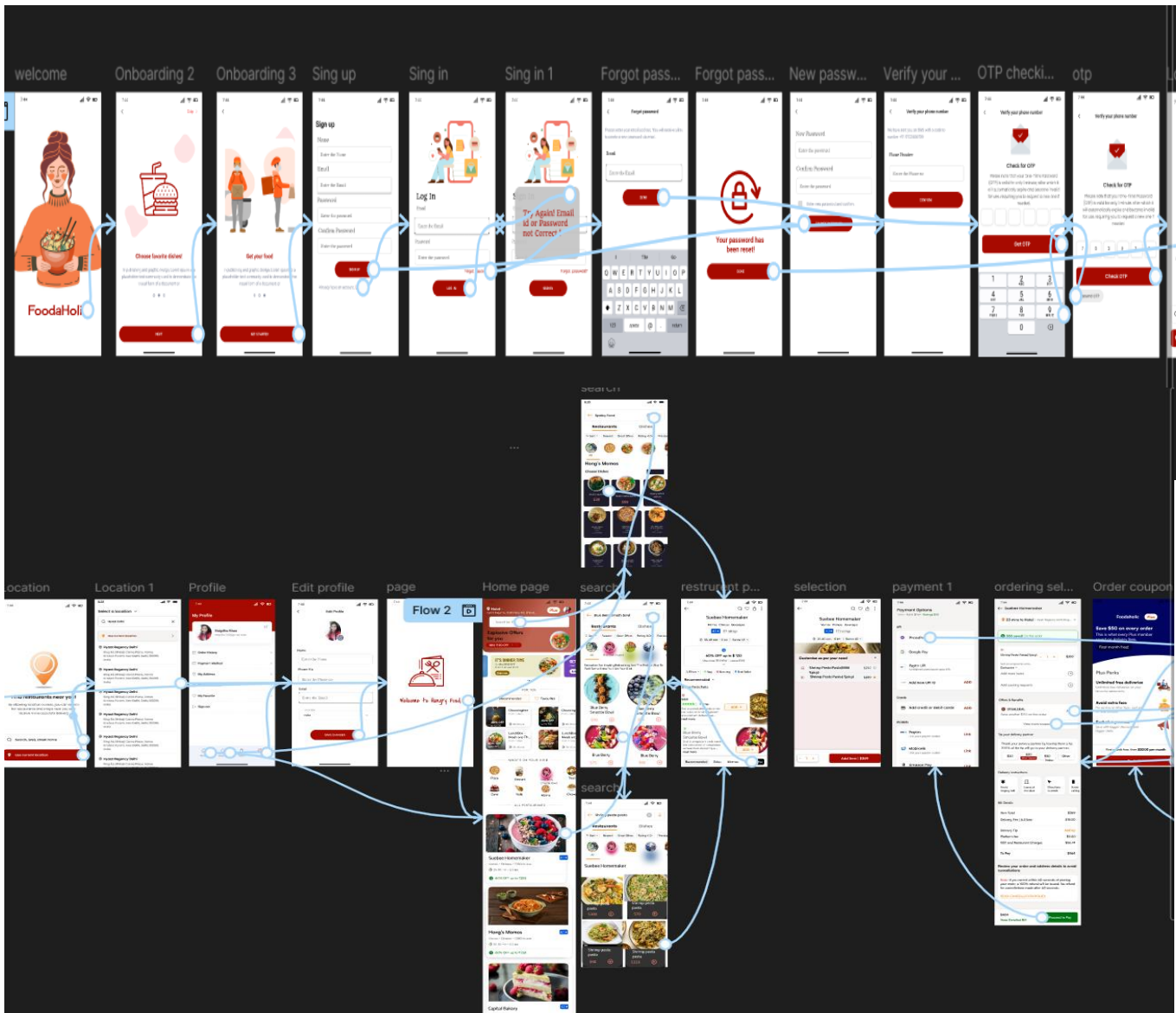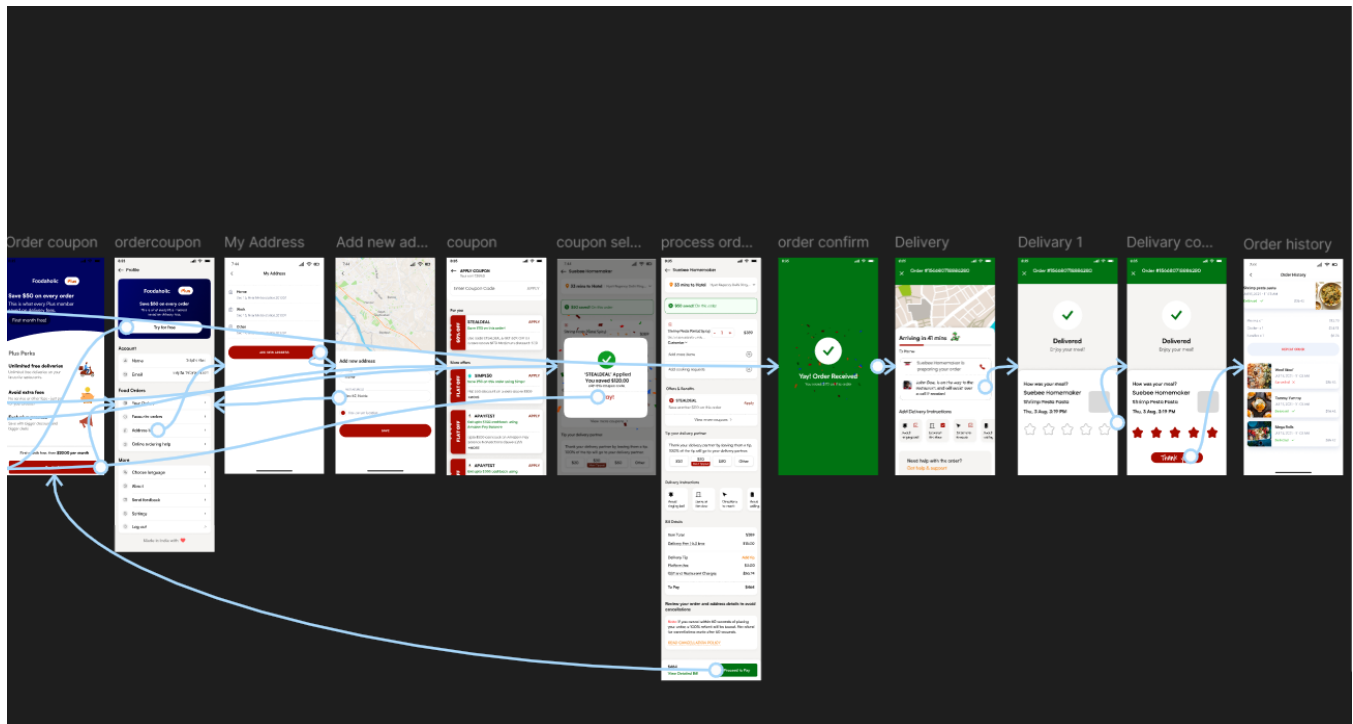- Tap 'Submit' to complete.

Profile Management:
1. Tap the Profile icon on the home or navigation bar.
2. View and edit personal details (name, email, etc.)
3. Manage addresses:
   - Add a new address via the address management option.
   - Update or remove saved addresses.
4. Check order history and favorite orders from the profile menu.

Prototyping :

Chapter 5: Conclusions

As the digital landscape continues to evolve, user expectations from mobile applications—especially in the food delivery domain—are higher than ever. The **Foodaholic UI Interface** project was conceptualized to meet these expectations through a carefully designed, user-focused mobile experience. From intuitive navigation to visually engaging screens, the application demonstrates the key elements of successful UI/UX in food tech.

This concluding chapter reflects on the objectives achieved, the design approach taken, and the overall impact of the prototype. It serves as a summary of how the app addresses real-world needs while offering a flexible base for further development.

In conclusion, the Foodaholic UI Interface App stands as a well-structured prototype that demonstrates how a modern, efficient, and user-friendly food delivery application should look and behave. The seamless integration of onboarding, ordering, payment, tracking, and reviewing ensures a delightful experience for users.

This project not only emphasizes aesthetic design but also prioritizes user flow and functionality. It mimics real-world applications, thus making it an excellent foundation for building a production-ready food delivery system. The user journey has been meticulously mapped to ensure minimal friction and maximum engagement.

Whether you are a UI/UX designer, front-end developer, or entrepreneur, this project offers valuable insights into designing mobile interfaces that combine functionality with elegance. It is ideal for portfolio showcasing, internship submissions, or even hackathon entries.

Chapter 6: Future Goals

While the Foodaholic UI prototype successfully captures the essence of a modern food delivery application, several future enhancements can significantly elevate the project from a design concept to a fully functional product. These enhancements focus on technical integration, user personalization, and inclusivity, which are essential for scaling the app in a real-world environment.

This chapter outlines potential next steps that can be taken to transform the current interface into a complete and dynamic application. These ideas reflect emerging trends in app development and user experience, while also addressing practical needs such as live tracking, secure transactions, and improved accessibility. Though the prototype is visually complete—

- **Backend Integration**
  - Connect the UI with a live backend (e.g., Firebase, Node.js, Django).
  - Enable real-time database updates and API-based order processing.
- **Payment Gateway**
  - Integrate Razorpay, Stripe, or PayPal for real transaction handling.
- **Live Delivery Tracking**
  - Use GPS and maps SDK (Google Maps API) for live location tracking.
  - Allow users to call/chat with delivery partners.
- **Push Notifications**
  - Notify users of order updates, discounts, and delivery status.
- **AI-Based Recommendations**
  - Suggest dishes based on user preferences or previous orders.
- **Admin Dashboard**
  - Create a separate interface for restaurant partners to manage orders, menus, and pricing.
- **Dark Mode & Accessibility**
  - Implement accessibility features for users with disabilities.
  - Add dark/light theme toggle.
- **Multilingual Support**
  - Add language selection for regional inclusivity.