Audyogik Shikshan Mandal's

Institute of Management & Computer Studies (MCA Institute)

(IMCOST)

MASTER OF COMPUTER APPLICATION (MCA)

UNIVERSITY OF MUMBAI

A.Y. 2021-22

MINI PROJECT

ON

"Food Delivery App"

Submitted by

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Certificate

This is to certify that:

Name - Rohit Chandrakant Sulakhe

Roll no. – MC2021108

of Master of Computer Application (MCA) as undertaken & completed the Mini project work titled **"Food Delivery App"** during the academic year 2021-22 .

Submitted to this college in partial fulfilment of the curriculum of Master of Computer Application, University of Mumbai.

Signature

(Course Coordinator)

Signature

(Director IMCOST)

Date:
Place:

Seal

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Project Description

Online food ordering and delivery is the process in which order for the food is placed through internet and delivered to the customer to the specified place. Food delivery Apps, online food ordering systems is basically designed for those People that don't have time to go to restaurant. As the say, money is not money but time is money.

This app (Fast Food) impressively simplify the ordering process for both customers and restaurants owner, this is the main advantage of online food ordering or delivery system. In past, manual food ordering system was used in which customers have to go to the restaurant and waiter takes order from the customer and writes down in the paper. In this system each and every type of record is stored on the paper. Then the waiter sends the order to the kitchen for the further processing.

Then Personal Digital Assistant technology was used. Personal digital assistant is a portable device like smartphone every waiter should have the PDA and take order form customers. To cover the limitation of PDA multi touch technology come to market, where the user has the authority to perform and control different type of operations at a time on multi touch screen. To cover the limitation of all the previous food ordering systems, mobile food ordering system is developed. This app automates all food ordering process.

The online food delivery application is impressively good for those people that don't have time to go the restaurant. Anyone who have smart phone they can easily order for the food from anywhere and they can receive food at her/her home. Payment can be either online or Cash on delivery.

Purpose of the Project

With the improvement of technology, online food ordering systems are becoming a popular topic. That's because they are serving the ever increasing demand for convince. The main purpose of app is to provide customers for a way to place an order at a restaurant over the internet.

So why is this important?

The main reason is that it benefits both the customer and the business.

With a website or mobile app, customers can easily browse all the dishes the restaurant has available, customize dishes to their requirements and place an order. It can also save their favourite orders allowing them to easily re-order that in the future.

From the restaurants perspective, they no longer spend time taking the customer’s order, stop worrying about communication errors and streamline their order management workflow.

Technology Used

The project I have selected is UI based, so the technology used here is a UI/UX tool called Figma. Figma is a vector graphics editor and prototyping tool which is primarily web-based, with additional offline features enabled by desktop applications for macOS and Windows. The Figma Mirror companion apps for Android and iOS allow viewing Figma prototypes in real-time on mobile devices. The feature set of Figma focuses on use in user interface and user experience design, with an emphasis on real-time collaboration. For this project I have designed and visualized the UI by creating various screens that a user will experience. This UI/UX will set the stage for the software developers to conceptual the working of the application and decide what technologies to be used for developing such an application like:

- Which programming language should be used?
- In which software should the App be developed in such as Android Studio?
- Types of Database to be implemented?
- How to integrate this UI design into a working App?

FOOD DELIVERY APP FEATURES

❖ Customer's perspective

1. **Simple registration**

   The registration process is the first step to build a long-lasting relationship with the customer. They can either create a new account using the email address, login via Facebook or Google account.

2. **Placing an order**

   Order screen should definitely include the summary covering every important order detail: chosen dishes, their quantity, final price, delivery details and add a note option.

3. **Various payment options**

   The app include in-app payment and cash options. It has all the development requirements concerning security, support secure and fast experience. The system of bonuses and coupons is also taken into account while calculating the final cost.

4. **Delivery time estimation**

   Determining the delivery time will help to manage Customer's expectations and decrease delay complaints.

5. **Order tracker**

   Customers prefer to stay informed about their takeaway. With the help of simple notifications like approved, cooking, picked, delivering and completed, they can stay in touch and track the whole order process.

6. **Reviews and rates**

It greatly helps to optimize the client experience and brand your product. Improving rates considerably affects sales. So it is made sure to encourage the customers' reviews by asking for service feedback.

7. **Attractive design**

Food delivery application development covers great UI design that has to focus on the unified look. This category of applications includes lists of services and catalogs of restaurants and meals.

8. **The great search engine**

Customers will not waste time on seamless searching. I have included several options including restaurant names, location, cuisines or specific meals. Great UX design predicts the customers' moves in advance and is ready to maintain this experience. I have made sure to design a delivery system that is ready to guide Customer through every need.

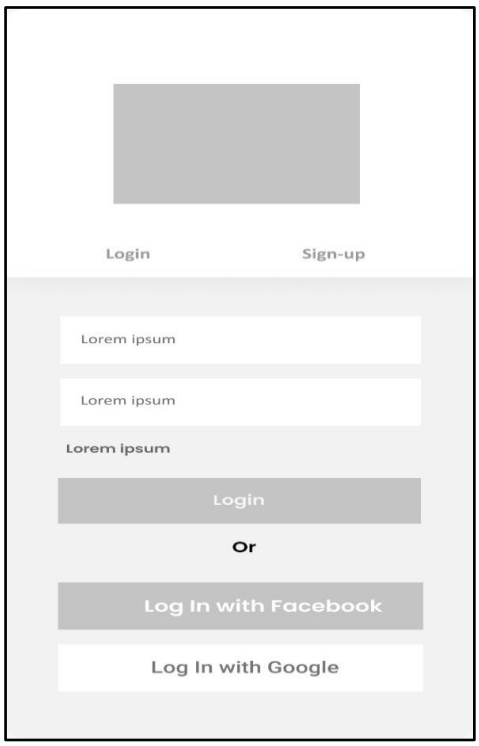
❖ Restaurants' perspective

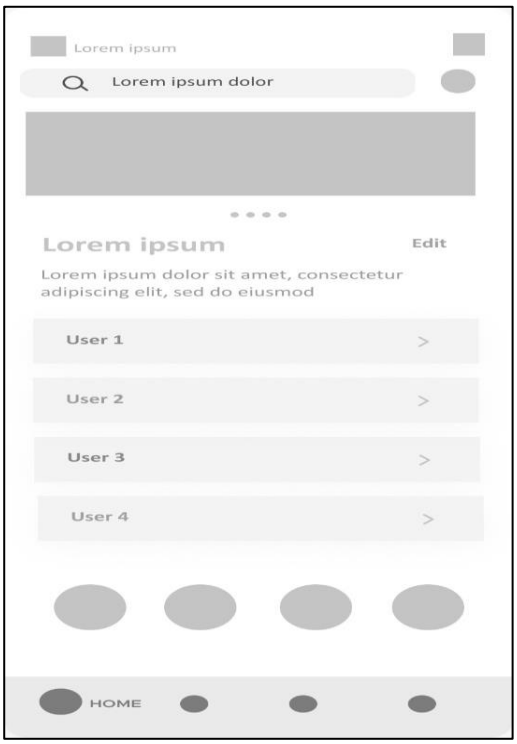
1. Registration
2. Content management
3. Order management
4. Restaurant Management Dashboard

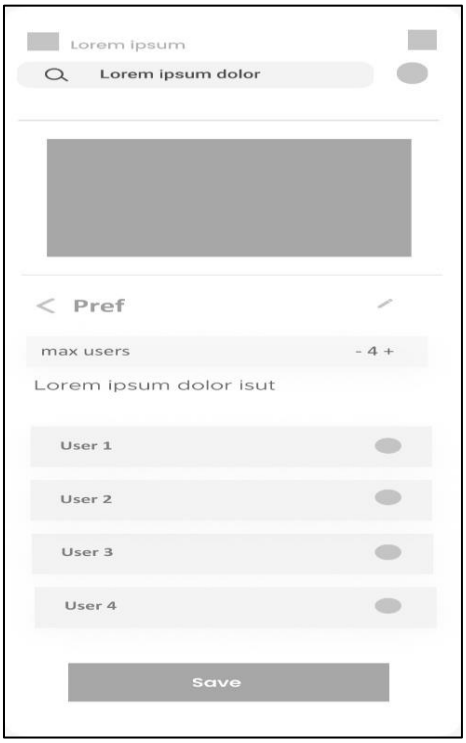
❖ Delivery Person's perspective

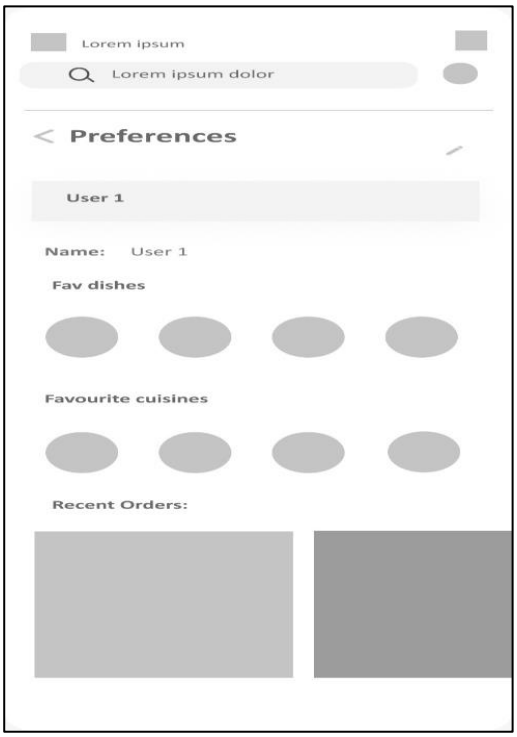
1. Registration
2. Order management
3. Delivery status update

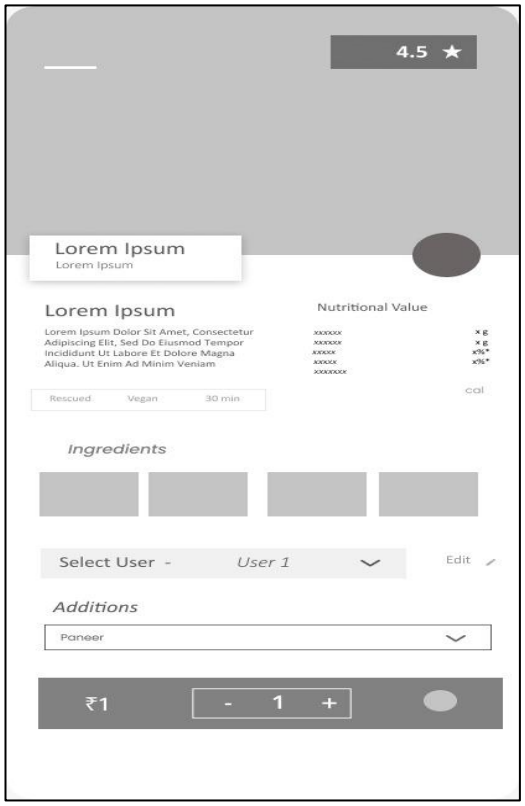
Coding-Wireframe







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Rescued
Vegan
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Ingredients
Select User -
User 1
Edit
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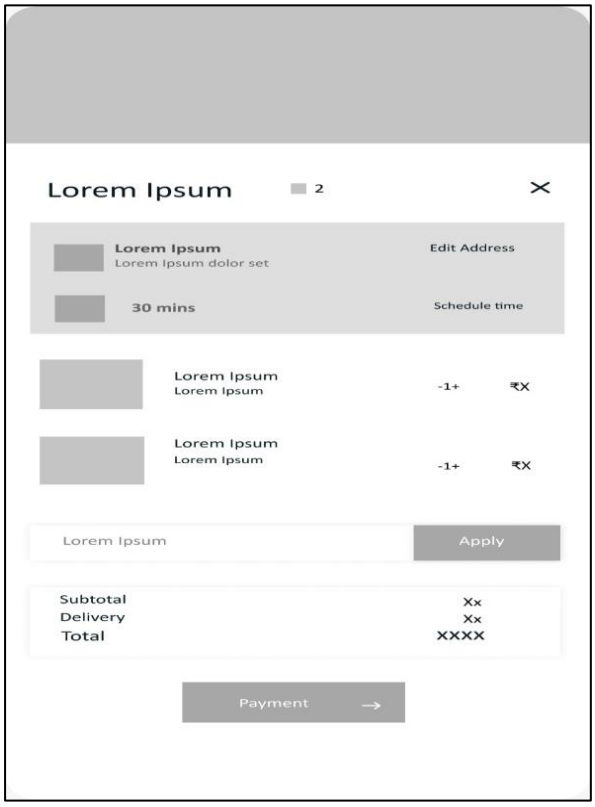
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Edit Address
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Schedule time
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-1+
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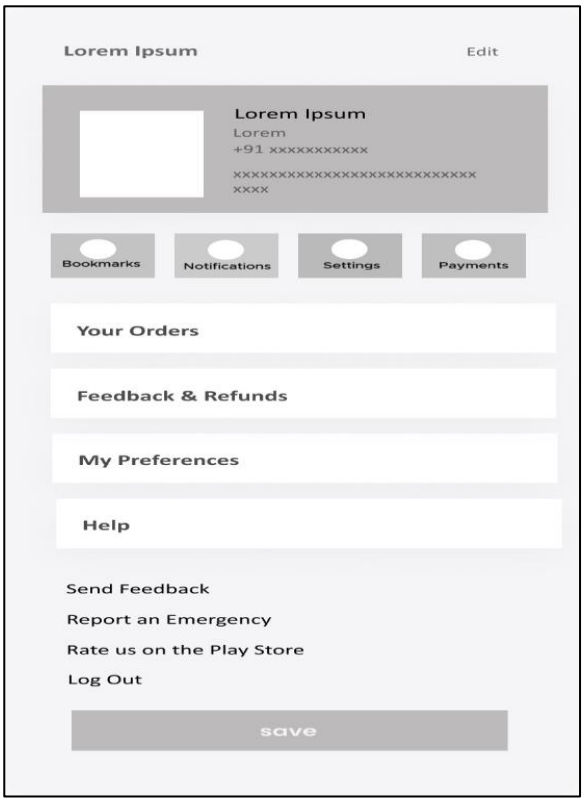
Payment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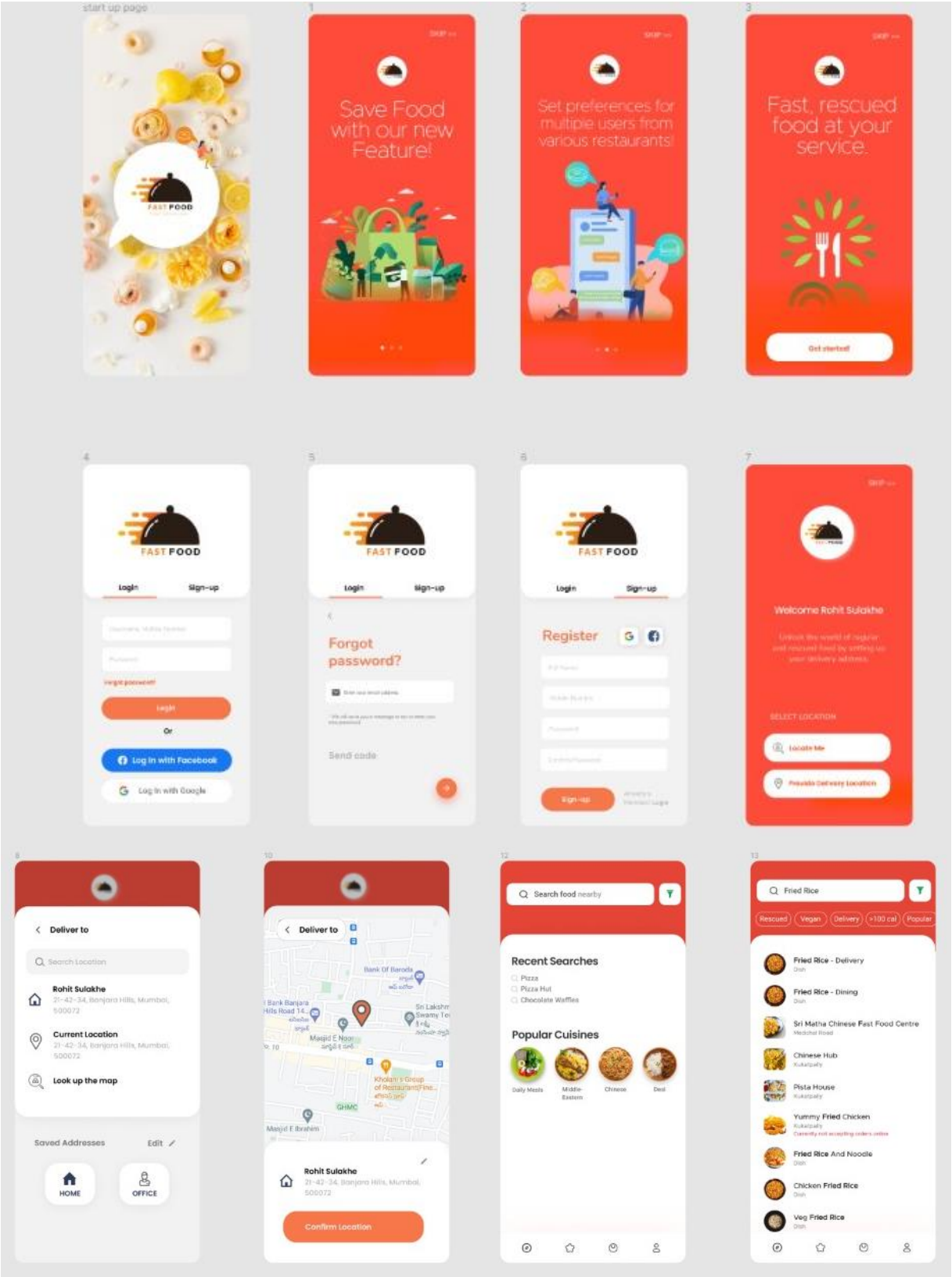
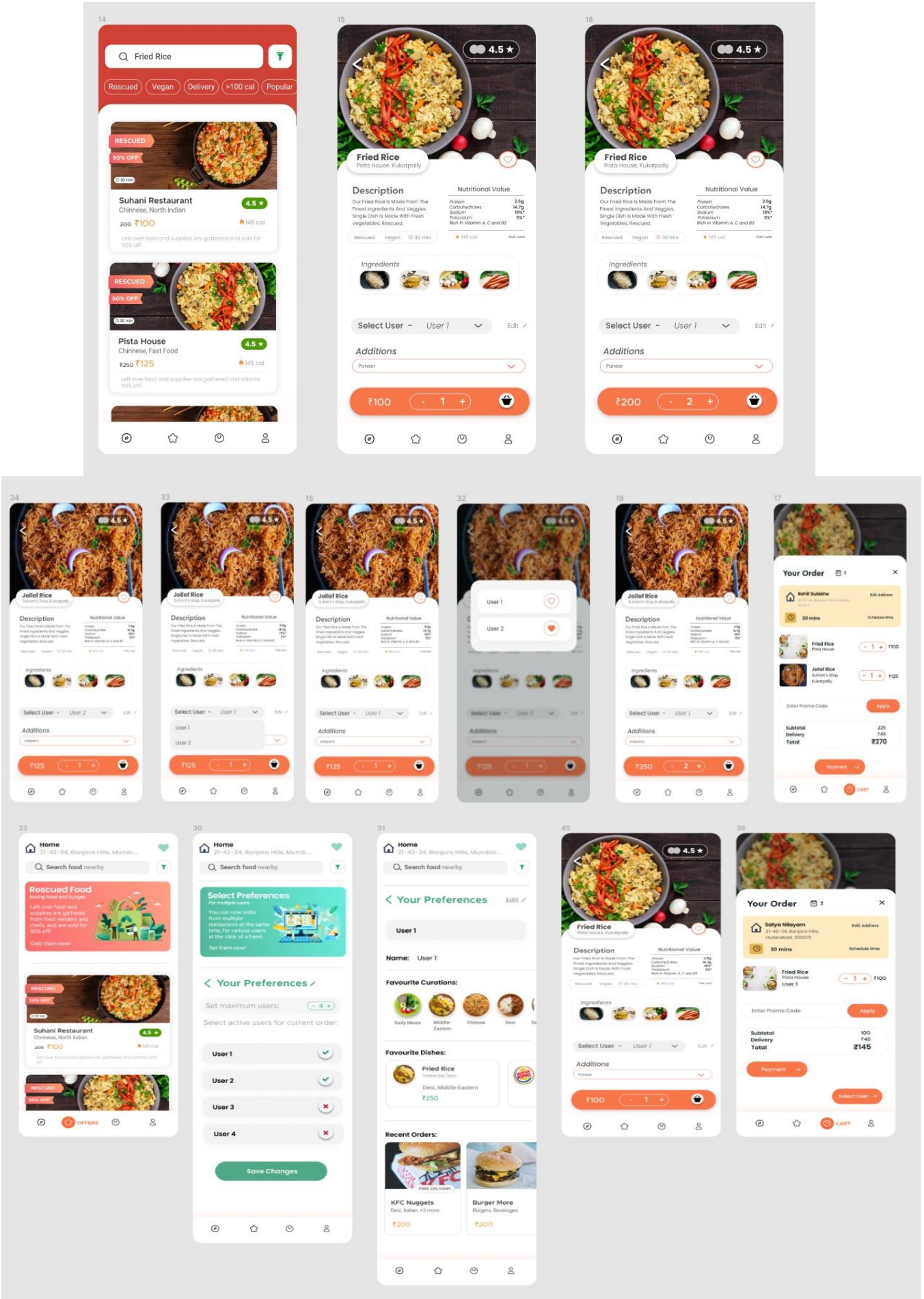
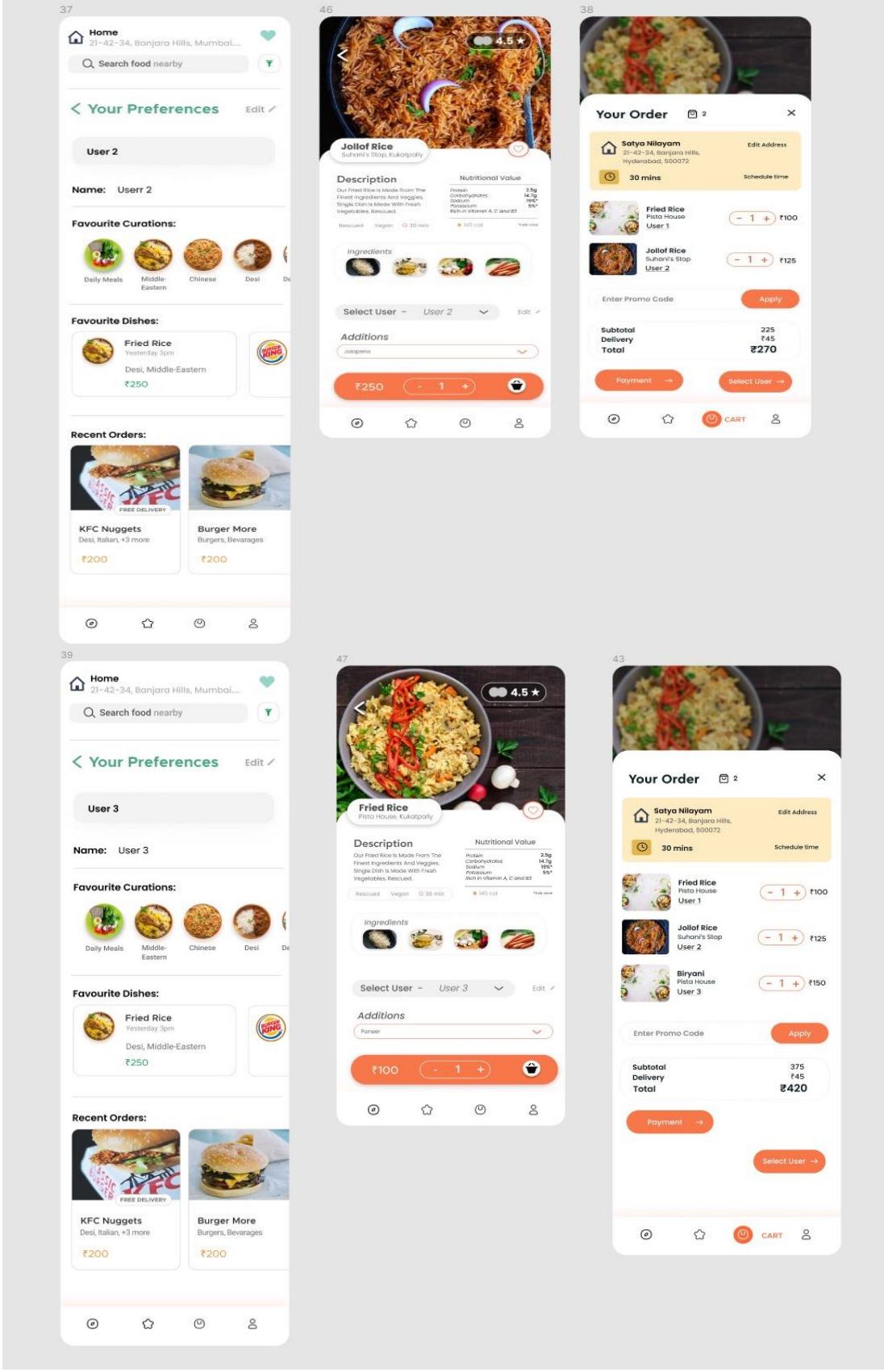
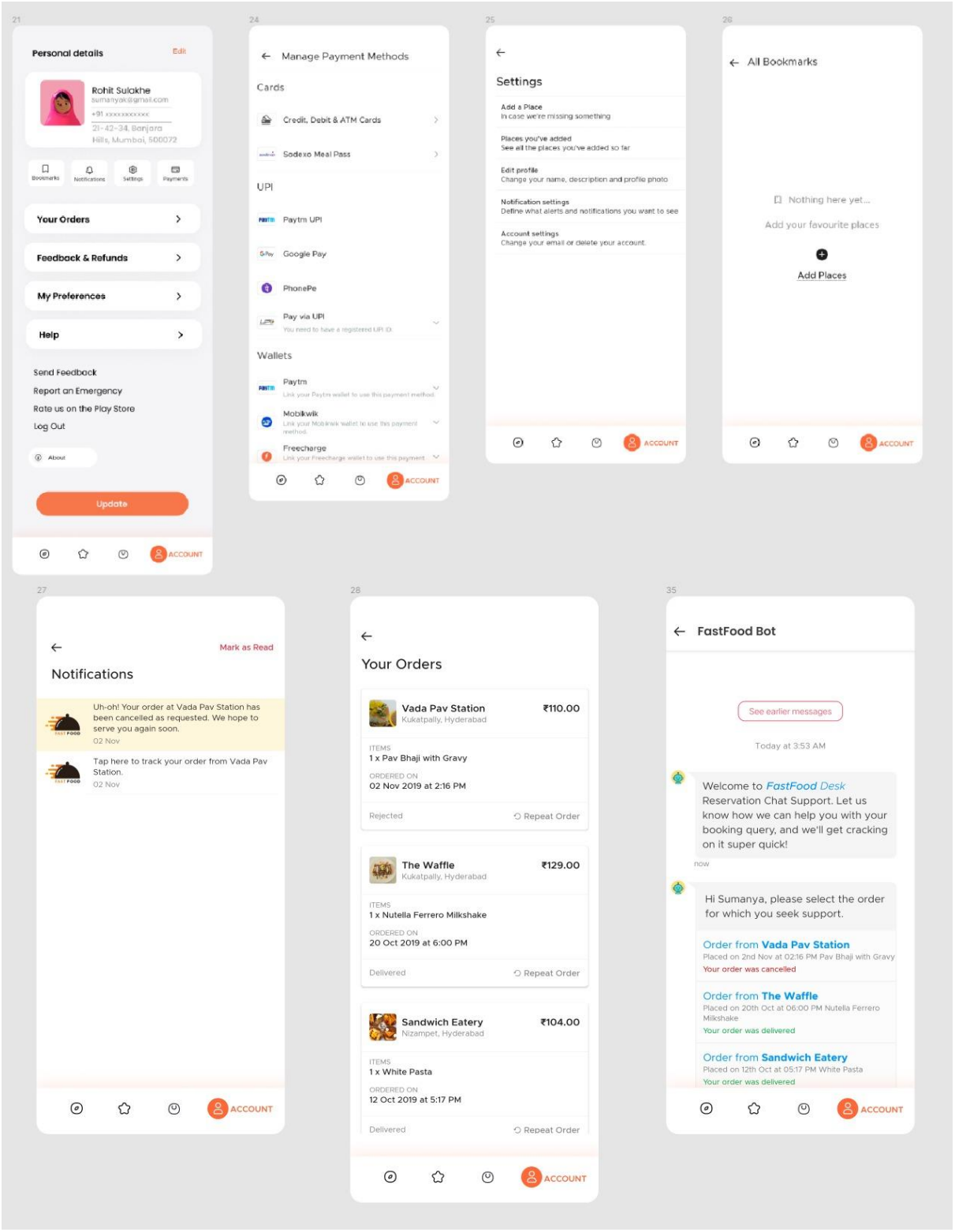
Bookmarks
Notifications
Settings
Payments
Your Orders
Feedback & Refunds
My Preferences
Help
Send Feedback
Report an Emergency
Rate us on the Play Store
Log Out
save

OUTPUT


start up page
Save Food with our new Feature!
Set preferences for multiple users from various restaurants!
Fast, rescued food at your service.
FAST FOOD
Login
Sign-up
Log in with Facebook
Log in with Google
Forgot password?
Send code
Register
Welcome Rohit Sulakhe
Deliver to
Rohit Sulakhe
Current Location
Look up the map
Saved Addresses
Edit
HOME
OFFICE
Confirm Location
Search food nearby
Recent Searches
Pizza
Pizza Hut
Chocolate Waffles
Popular Cuisines
Fried Rice
Fried Rice - Delivery
Fried Rice - Dining
Sri Matha Chinese Fast Food Centre
Chinese Hub
Pista House
Yummy Fried Chicken
Fried Rice And Noodle
Chicken Fried Rice
Veg Fried Rice


Fried Rice
Rescued
Vegan
Delivery
>100 cal
Popular
Suhani Restaurant
Chinnese, North Indian
Pista House
Chinnese, Fast Food
Description
Nutritional Value
Ingredients
Select User
Additions
Paneer
Jollof Rice
Your Order
Home
Search food nearby
Rescued Food
Select Preferences
Your Preferences
Set maximum users:
Select active users for current order:
Save Changes
Favourite Curations:
Favourite Dishes:
Recent Orders:
KFC Nuggets
Burger More


37
Home
21-42-34, Banjara Hills, Mumbai....
Search food nearby
Your Preferences
Edit
User 2
Name: Userr 2
Favourite Curations:
Daily Meals
Middle-Eastern
Chinese
Desi
Favourite Dishes:
Fried Rice
Yesterday 3pm
Desi, Middle-Eastern
₹250
Recent Orders:
KFC Nuggets
Desi, Italian, +3 more
₹200
Burger More
Burgers, Bevarages
₹200
46
4.5
Jollof Rice
Suhani's Stop, Kukatpally
Description
Nutritional Value
Ingredients
Select User - User 2
Edit
Additions
Jalapeno
₹250
1
38
Your Order
2
Satya Nilayam
21-42-34, Banjara Hills, Hyderabad, 500072
Edit Address
30 mins
Schedule time
Fried Rice
Pista House
User 1
₹100
Jollof Rice
Suhani's Stop
User 2
₹125
Enter Promo Code
Apply
Subtotal 225
Delivery ₹45
Total ₹270
Payment
Select User
CART
39
Home
21-42-34, Banjara Hills, Mumbai....
Search food nearby
Your Preferences
Edit
User 3
Name: User 3
Favourite Curations:
Daily Meals
Middle-Eastern
Chinese
Desi
Favourite Dishes:
Fried Rice
Yesterday 3pm
Desi, Middle-Eastern
₹250
Recent Orders:
KFC Nuggets
Desi, Italian, +3 more
₹200
Burger More
Burgers, Bevarages
₹200
47
4.5
Fried Rice
Pista House, Kukatpally
Description
Nutritional Value
Ingredients
Select User - User 3
Edit
Additions
Paneer
₹100
1
43
Your Order
2
Satya Nilayam
21-42-34, Banjara Hills, Hyderabad, 500072
Edit Address
30 mins
Schedule time
Fried Rice
Pista House
User 1
₹100
Jollof Rice
Suhani's Stop
User 2
₹125
Biryani
Pista House
User 3
₹150
Enter Promo Code
Apply
Subtotal 375
Delivery ₹45
Total ₹420
Payment
Select User
CART


21
Personal details
Edit
Rohit Sulakhe
sumanyak@gmail.com
+91 xxxxxxxxxx
21-42-34, Banjara Hills, Mumbai, 500072
Bookmarks
Notifications
Settings
Payments
Your Orders
Feedback & Refunds
My Preferences
Help
Send Feedback
Report an Emergency
Rate us on the Play Store
Log Out
About
Update
ACCOUNT
24
Manage Payment Methods
Cards
Credit, Debit & ATM Cards
Sodexo Meal Pass
UPI
Paytm UPI
Google Pay
PhonePe
Pay via UPI
You need to have a registered UPI ID
Wallets
Paytm
Link your Paytm wallet to use this payment method
Mobikwik
Link your Mobikwik wallet to use this payment method
Freecharge
Link your Freecharge wallet to use this payment
ACCOUNT
25
Settings
Add a Place
In case we're missing something
Places you've added
See all the places you've added so far
Edit profile
Change your name, description and profile photo
Notification settings
Define what alerts and notifications you want to see
Account settings
Change your email or delete your account
ACCOUNT
26
All Bookmarks
Nothing here yet...
Add your favourite places
Add Places
ACCOUNT
27
Mark as Read
Notifications
Uh-oh! Your order at Vada Pav Station has been cancelled as requested. We hope to serve you again soon.
02 Nov
Tap here to track your order from Vada Pav Station.
02 Nov
ACCOUNT
28
Your Orders
Vada Pav Station
Kukatpally, Hyderabad
₹110.00
ITEMS
1 x Pav Bhaji with Gravy
ORDERED ON
02 Nov 2019 at 2:16 PM
Rejected
Repeat Order
The Waffle
Kukatpally, Hyderabad
₹129.00
ITEMS
1 x Nutella Ferrero Milkshake
ORDERED ON
20 Oct 2019 at 6:00 PM
Delivered
Repeat Order
Sandwich Eatery
Nizampet, Hyderabad
₹104.00
ITEMS
1 x White Pasta
ORDERED ON
12 Oct 2019 at 5:17 PM
Delivered
Repeat Order
ACCOUNT
35
FastFood Bot
See earlier messages
Today at 3:53 AM
Welcome to FastFood Desk Reservation Chat Support. Let us know how we can help you with your booking query, and we'll get cracking on it super quick!
now
Hi Sumanya, please select the order for which you seek support.
Order from Vada Pav Station
Placed on 2nd Nov at 02:16 PM Pav Bhaji with Gravy
Your order was cancelled
Order from The Waffle
Placed on 20th Oct at 06:00 PM Nutella Ferrero Milkshake
Your order was delivered
Order from Sandwich Eatery
Placed on 12th Oct at 05:17 PM White Pasta
Your order was delivered
ACCOUNT

Conclusion

Overall, working on the app design was a great challenge and experience. I got to work end-to-end, starting from designing a UI Kit, to understanding business problems, and trying multiple ways to help users discover and transact within the app. This project can later be expanded on a larger scale. It is developed for restaurants to simplify their routine managerial and operational task and to improve the dining experience of the Customer’s as well. This also helps the restaurant owners develop healthy customer relationships by providing reasonably good services.