

SPECIFICATION DOCUMENT

PROJECT ALL IN ONE

ALL IN ONE project has been divided it into four component:

- 1.Customer Application
- 2.Vendor Application
- 3.Admin Web Application
- 4.Delivery Application

TECH STACK

For the development of the applications we will use flutter as the SDK and Dart as the Frontend in this project, Node JS for the Backend and MongoDB for the database.

RECOMMENDATIONS

We can exclude some functionalities to test the concept. Since this is an MVP, further discussion should focus on the complete product's features. It is suggested that the two be kept apart.

CUSTOMER APPLICATION

INTRODUCTION

In the Customer Application, the customers will be able to browse top-rated local vendors and purchase products at a discount from them.

Customer model has been divided into different screen:

1. Login / Signup Page

- Authentication via phone number and mail
- Alternative using OTP and phone number

2. Registration Page

- Name
- Email
- Address
- Phone number

3. Virtual Wallet

- Simple version of Amazon Pay
- Add money from bank account
- Wallet History
- Send wallet money to another person wallet
- Pay Out wallet
- **Explanation:** The user enters the pay out amount and then the account details. The request is then sent to the admin panel with the amount to be transferred and other details, and then admin manually sends the money to the user's account

4. Home Page

- Listing of shops within a distance of 5 km
- Account/profile
- Shopping Cart Button

- Search Option
- Category Option

5. Vendor description Page

- Product listing of all types
- Top offers
- Distance & estimated delivery
- Vendor address and details

6. Product description Page

- Product details
- Offers
- Price
- Quantity
- Awards and reward offers

7. Order Page

- Listing all old and new orders
- Estimated delivery time of all the orders
- Vendor contact details

8. Payment gate Page

- Razorpay implementation
- [Alternate] Stripe payment gateway Integration
- After the payment ever user will get Scratch card

9. QR Code

- Scanner to scan Merchants QR Code
- Explanation: If purchase is made offline, they can scan the QR code from the vendor and a unique token will be generated to register the transaction and the available offers will be applied

10. Refer & Earn Page

- Referral code
- My Team
- My earning
- Different option to share the code

VENDOR APPLICATION

INTRODUCTION

Vendors will be able to register and list products for sale, as well as offer discounts, under the vendor model. Customers' orders will be accepted or rejected in this model

Vendor model as been divided into different screen:

1. Login/signup Page

- Authentication via phone number and mail
- Alternative using OTP and phone number

2. Registration Page

- Name
- Alternate number
- Age
- Pincode
- City-state
- Type of store
- GST no of store
- Documents(Aadhar / voter / shop docs)
- Picture of the vendor
- Picture of shop
- Full address of shop
- Age of shop
- Shop timing
- Delivery mode (Pick up / Delivery boy)
- Location on google map
- Social media handles

3. Home Page

- Listing product option
- Payment option
- Pending orders list button
- Profile tap button
- Sold product button
- Vendor personal barcode tap button

4. Product listing

- Type of products
- Product full name (with company name)
- Price
- Offer
- Quantity
- Products and quantity of products left

5. Profile page

- Profile picture
- Store picture

6. Pending order list

- Customer name
- Accept / decline option
- Address
- Product list with quantity
- Any special message
- Payment value and mode of payment

7. Product sold

- List of customers with the products, total bill and details
- Option to see quantity of each products left
- Edit Store details
- QR code
- Remove store
- Log out

8. Payment page

- Bank Account Number
- UPI ID

9. Virtual Wallet

- Simple version of Amazon Pay
- Add money from bank account
- Wallet History
- Send wallet money to another person wallet
- Pay Out wallet
- **Explanation:** The user enters the pay out amount and then the account details. The request is then sent to the admin panel with the amount to be transferred and other details, and then admin manually sends the money to the user's account

10. Refer & Earn Page

- Referral code
- My Team
- My earning
- Different option to share the code
- Explanation: If a person sends a code to a friend and that friend downloads the app using that referral code, the person who referred will receive a reward in his virtual wallet

DELIVERY APPLICATION

INTRODUCTION

The delivery boy will be able to register and deliver orders to the customer under the delivery model. In this concept, the delivery boy will be able to change the status of the order.

Delivery model as been divided into different screen:

1. Login/signup Page

- Authentication via phone number and mail
- Alternative using OTP and phone number

2.Registration Page

- Name
- Alternate number
- Age
- Pincode
- City-state
- Vehicle number
- Documents(Aadhar / voter / shop docs)

3. Home Page

- Accept or reject order from vendor

4. Order Details Page

- Location of the store
- Address of the customer
- Name of customer
- Product details
- Payment mode detail
- Update order status

5. Delivery History Page

- Order details
- Order status

6. Profile Page

- Profile Picture
- Delivery boy details and stats

7.Virtual Wallet

- Simple version of Amazon Pay
- Add money from bank account
- Wallet History
- Send wallet money to another person wallet
- Pay Out wallet
- **Explanation:** The user enters the pay out amount and then the account details. The request is then sent to the admin panel with the amount to be transferred and other details, and then admin manually sends the money to the user's account

ADMIN WEB APPLICATION

INTRODUCTION

In the admin model, we have access to all of the functions in the customer, vendor, and delivery models. In the Vendor model, we may approve, deactivate, or activate new vendors, as well as create product categories for vendors to start adding items to their carts and track sales over the course of a week, month, or year. In addition, the admin model allows us to view each customer's transaction history.

Admin model as been divided into different screen:

1. Login/signup Page

- Authentication via phone number and mail
- Alternative using OTP and phone number

2. Admin Dashboard

- Mange customer
- Transaction History of each Customer
- Manage vendor
- Vendor status
- Create categories and sub categories
- Vendor record of the sales
- Manage Delivery
- Approve new delivery boy registration
- Approve Pay out wallet
- Manage Awards and offer
- Global Income
- **Explanation:** In Global Income, the administrator sends money to all user wallets based on daily turnover, and the administrator decides how much reward will be provided.