

# PROJECT PROFILE

Project Definition	DeliEVry App (Android Application)
Objectives	The Delivery App offers one stop solution for customers to get the products or fresh food and for drivers to earn by delivering goodies in their local area. Delivery will have verified drivers who are local which helps to deliver the goods faster. Customers can order food or any product from nearby merchants to get them at home without stepping out.
Company Details	Zignuts Technolab
Tools	Android Studio , Microsoft Office 2010
Technologies	Android, Kotlin
Internal Guide	Mr. Anand Gajjar (Mobile Dept. Head)
Project Duration	90 days
Presented By	Ms.Vishva Anilbhai Shukla (613022)
Submitted To	Department of Computer Science and Engineering, The Maharaja Sayajirao University of Baroda

## **Project Purpose**

- The Delivery App offers one stop solution for customers to get the products or fresh food and for drivers to earn by delivering goodies in their local area. Delivery will have verified drivers who are local which helps to deliver the goods faster. Customers can order food or any product from nearby merchants to get them at home without stepping out.
- Users who registered as a provider can accept the tasks. The provider picks the jobs and performs the tasks.
- The system will have three types of users :-
- Super Admin - Here super admin can manage user management, category management, task management, payment & revenue management
- Deliverer - Deliverer will perform major task a job of serving food deliveries to the customer
- Customer - As a major task customer can search for various merchants from their side and can order the food items

## **Project Scope**

- The following points outline the broad areas of scope of work for this project:
- Software design, development / procurement / customization / upgrade, deployment, training & documentation of Delivery
- Design, develop, deploy and maintain a user-friendly Application for DeliEvrers, personal Companies and for the customers
- The total operation and maintenance period will be ongoing basis which is an agile approach toward the project

## **EXISTING SYSTEM**

- Before using DeliEVry App (Android Application) manually things were taken by customers.. the following is some limitation of manually system
- Influence of Human Based Activities.
- Low Level of Security.
- Expensive to Maintain & Time Consuming
- Takes time to take Delivery manually.
- Quick services are not provided and Time consumption

## **NEED FOR NEW SYSTEM:**

- Provides facility to users for getting Delivery of required things at home by entering Pickup and Delivery Address.
- In This Covid-19 Pandemic Scenario Safety and Health is Most important, So customer does not need to step out from home to take things
- User friendly App to Take Delivery

# FUNCTIONAL SPECIFICATION:

## CUSTOMER

- Splash Screen
- Introduction screen
- Login & Registration screen
- Registration
- Passcode for email verification
- Login & Authentication
- Forgot Password
- Reset Password
- Authentication screen
- Home screen
- Add Product
- Pickup address
- Delivery address
- Receipt/SMS
- Order schedule
- Calculator Delivery
- Settings
- Invite Friends
- Save Address
- Add new card
- Support
- Terms and conditions
- Private Policy
- FAQ's
- Notification
- Chat Screen with delivery guy
- Add new card
- Order preview
- Look for service provider
- Order Accepted
- On the way to pick up
- On the way to deliver
- Order delivered
- Give Rating
- Order
- Open Order
- Completed Order
- Account
- Edit Profile

## **DELIEVRER (SERVICE PROVIDER)**

- Splash Screen
- Introduction screen
- Login & Registration screen
- Registration
- Passcode for email verification
- Online Authorization
- Login & Authentication
- Forgot Password
- Reset Password
- Home screen
- Pop-up request
- View Details
- Order accepted
- On the way to pick up
- On the way to delivery
- Order delivered successfully
- Chat Screen with customer
- Order
- Open Order
- Completed Order
- Account
- Edit Profile
- Settings
- Invite Friends
- Support
- Terms and conditions
- Private Policy
- FAQ's
- Notification

## **TECHNICAL SPECIFICATION :**

### **MINIMUM HARDWARE REQUIREMENT :**

#### **SERVER SIDE:**

<b>Processor</b>	<b>2.0 GHZ</b>
<b>RAM</b>	<b>4 GB</b>
<b>HDD</b>	<b>15 GB free space</b>

#### **CLIENT SIDE:**

Device:-	Android Mobile
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## MINIMUM **SOFTWARE** REQUIREMENT:







### **SERVER SIDE:**

Operating System:-	Window Server 2008 or Any compatible Server Operating system.
IDE:-	Android Studio
Language:-	Kotlin

### **CLIENT SIDE:**

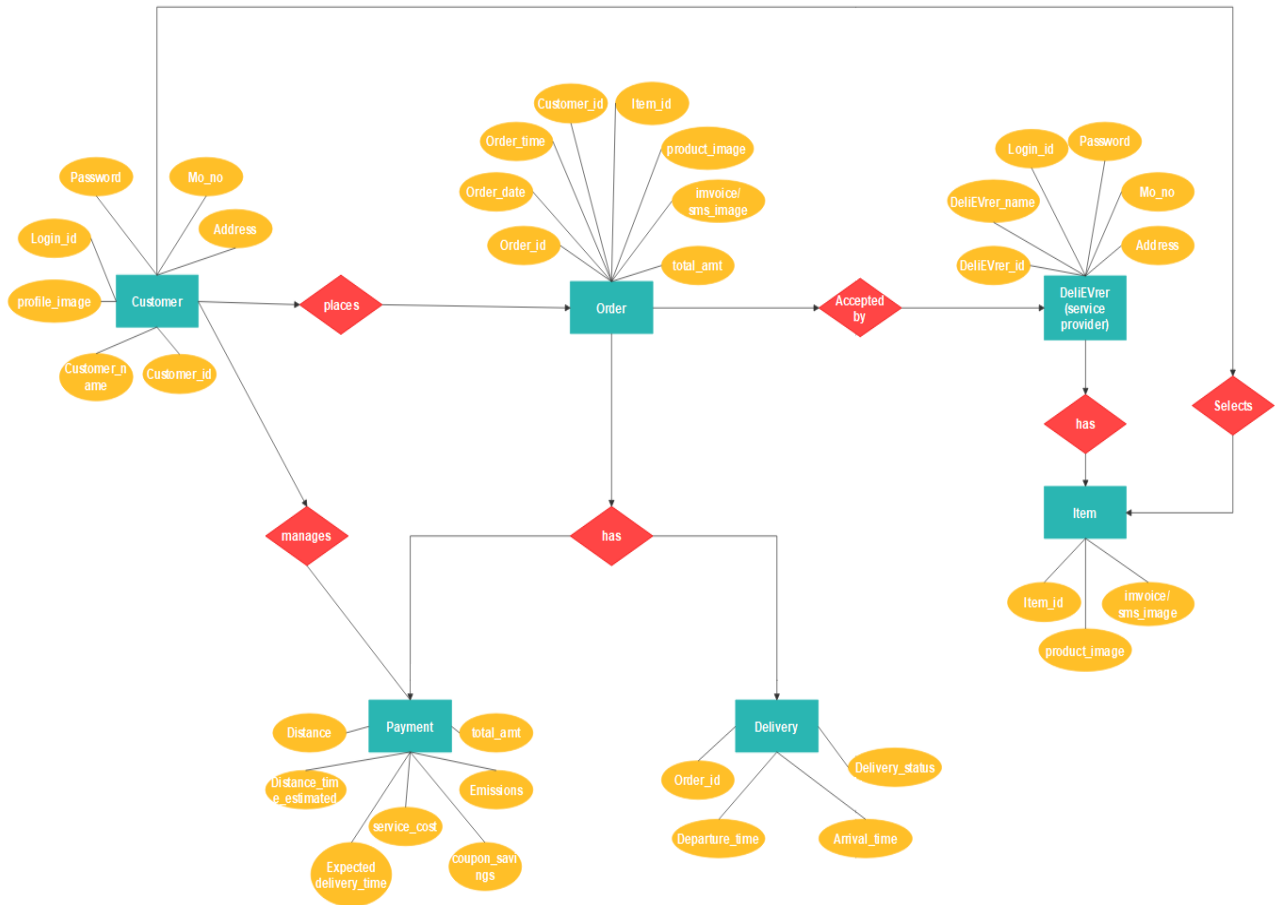
Operating System:-	Android OS
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## TIME LINE CHART :

Development Phase	120 Days						Duration (90 Day)
	0 to 10 Day	11 to 30 Day	31 to 50 Day	51 to 65 Day	66 to 75 Day	76 to 90 Day	
Requirement Gathering							10
Analysis							20
Design							15
Coding							25
Testing							15
Implementation & Deployment							05
Documentation							parallel

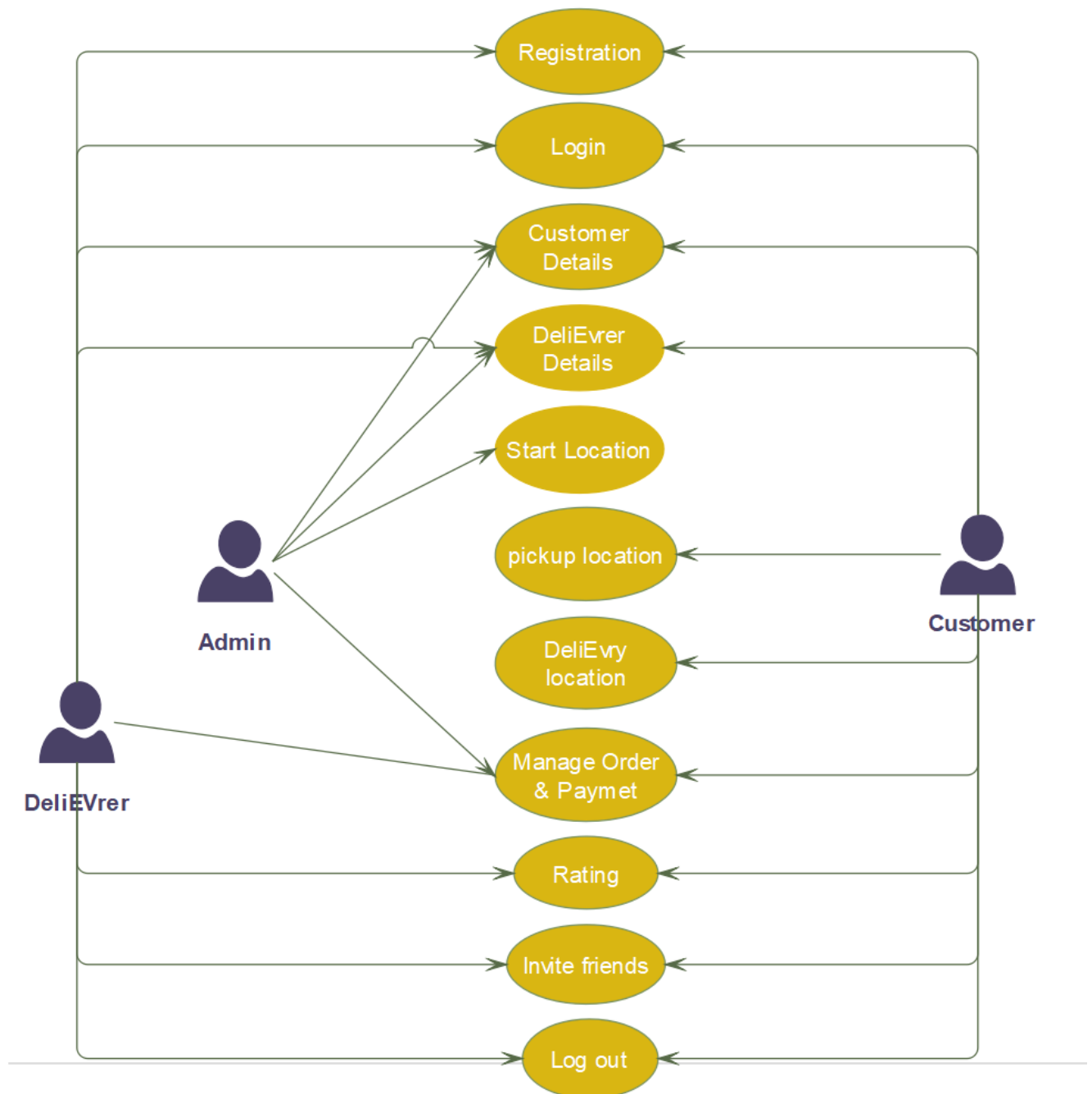


## ER Diagram



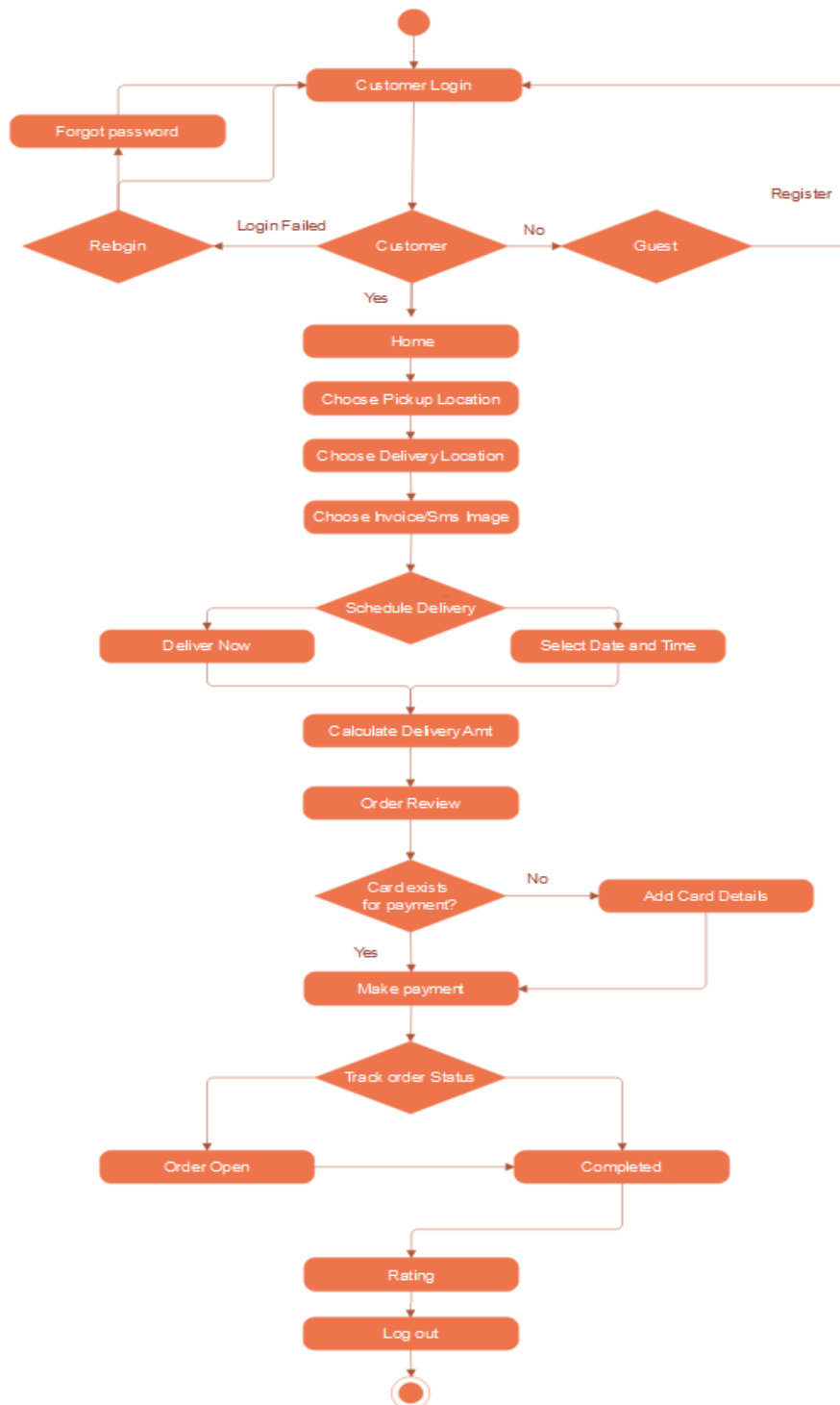
# UML DIAGRAMS

## Use Case Diagram

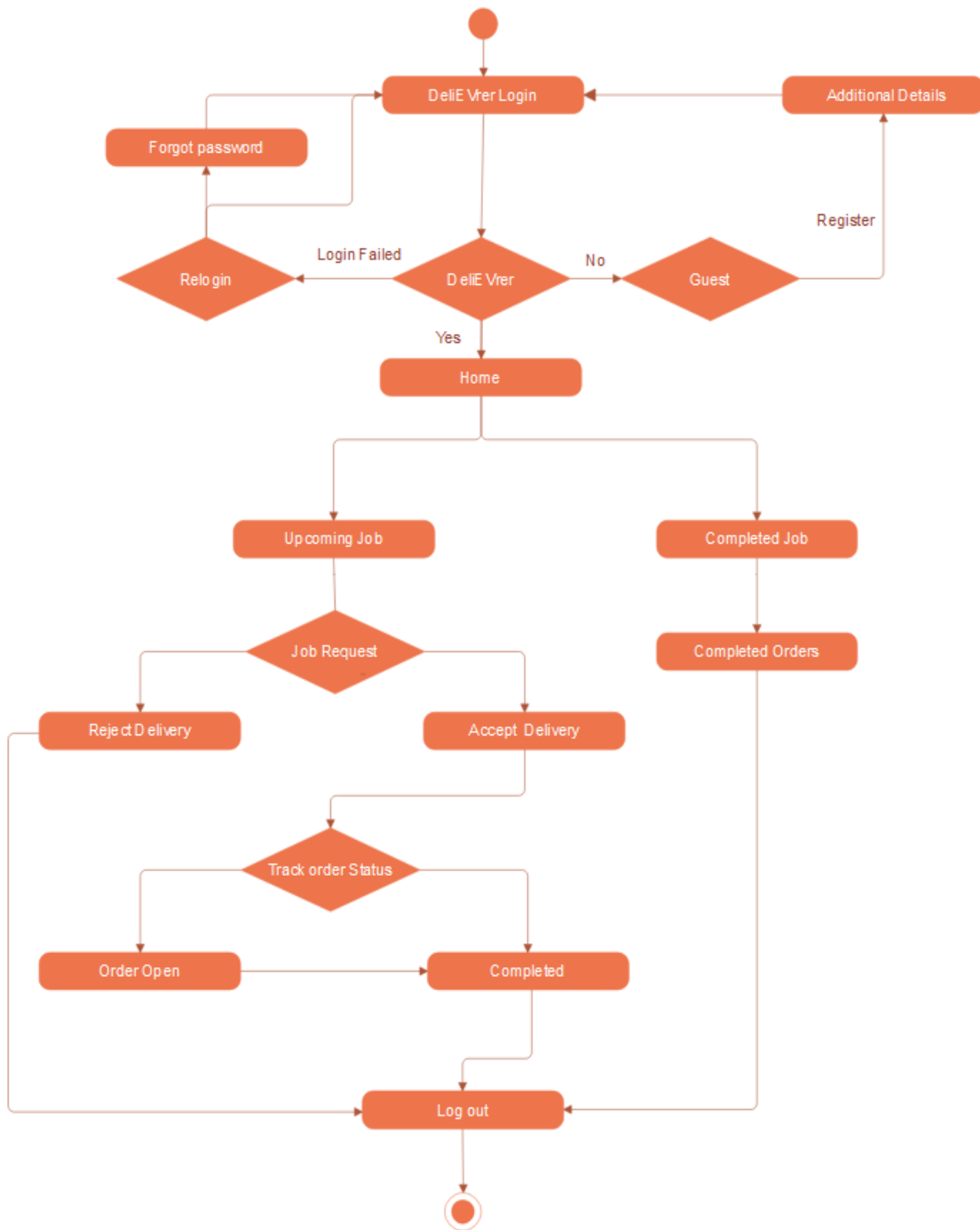


# Activity Diagram

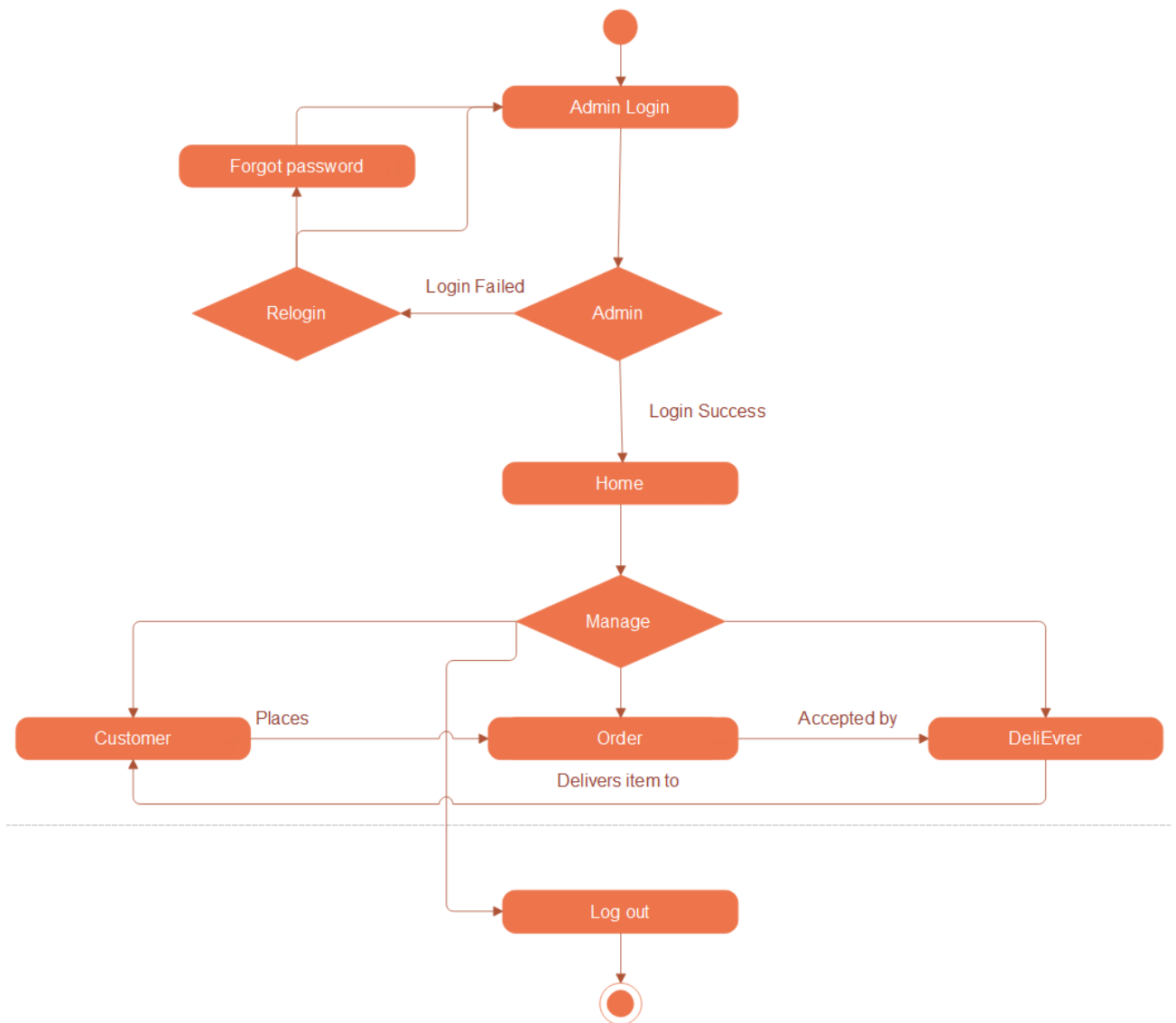
## Customer Activity Diagram



## DeliEvrer Activity Diagram



## Admin Activity Diagram



## **App Design:**

### **CUSTOMER**

- Splash Screen
- Introduction screen
- Login & Registration screen
- Registration
- Passcode for email verification
- Forgot Password
- Reset Password
- Authentication screen
- Home screen
- Add Pickup address
- Add Delivery address
- Order Review
- Payment Screen
- Add new card
- Look for DeliEVrer
- Order Accepted
- Give Rating
- Open Order
- Completed Order
- Settings
- Invite Friends
- Save Address
- Add new card
- Support
- Terms and conditions
- Private Policy
- FAQ's
- Notification
- Chat Screen with delivery guy
- Account
- Edit Account details

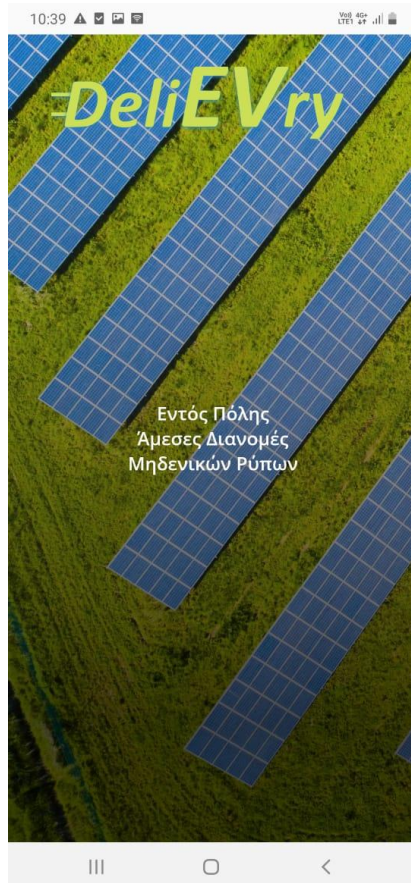
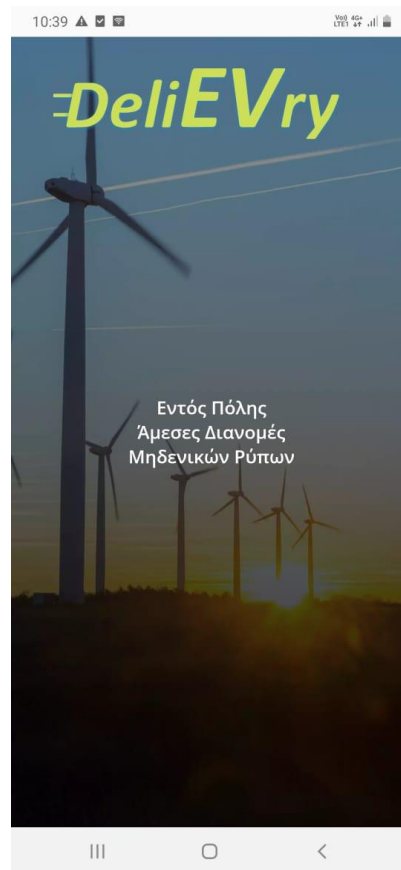
## **DELIEVRER (SERVICE PROVIDER)**

- Splash Screen
- Introduction screen
- Registration
- Email verification
- Additional details
- Login & Authentication
- Forgot Password
- Reset Password
- Home screen
- Chat Screen with customer
- Order
- Open Order
- Completed Order
- Account
- Edit profile
- Add Covid Report
- Settings
- Invite Friends
- Support
- Terms and conditions
- Private Policy
- FAQ's
- Notification

## Splash Screen



## Introduction Slides

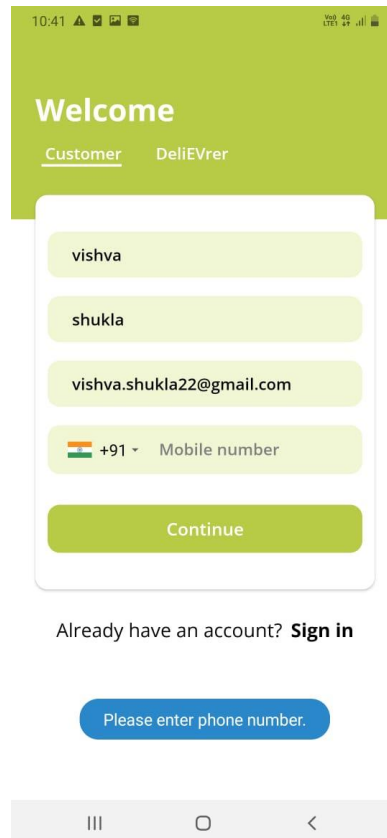




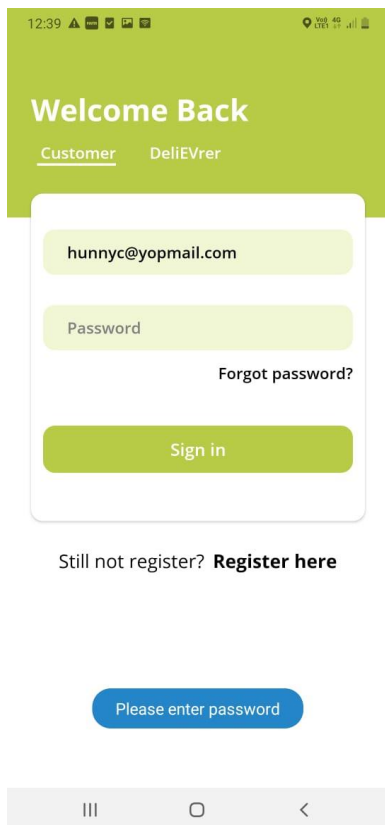
## Introduction Screen



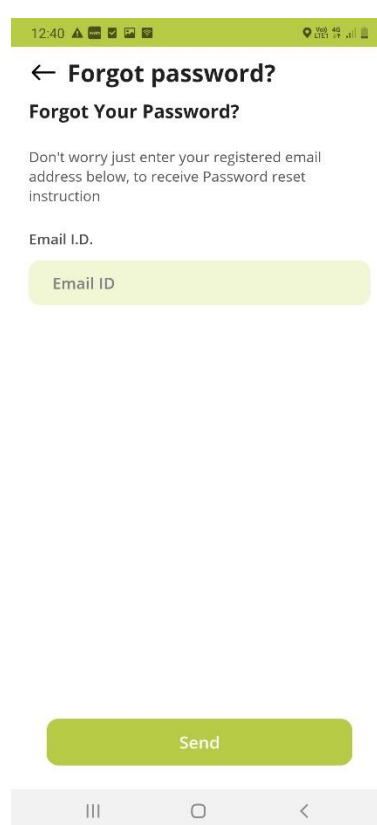
## Register Screen



## Login Screen

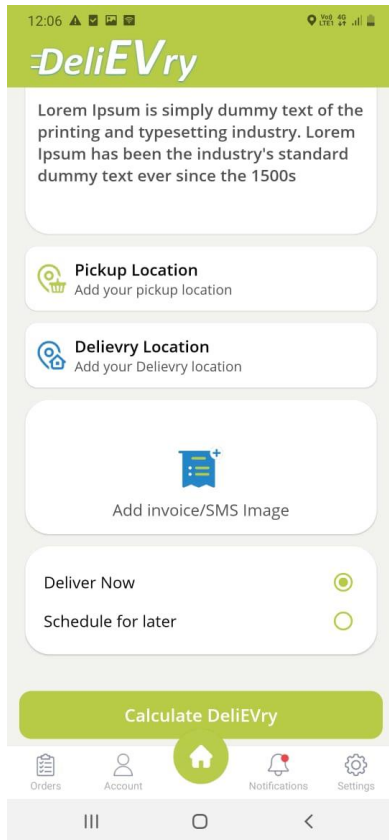


## Forgot Password

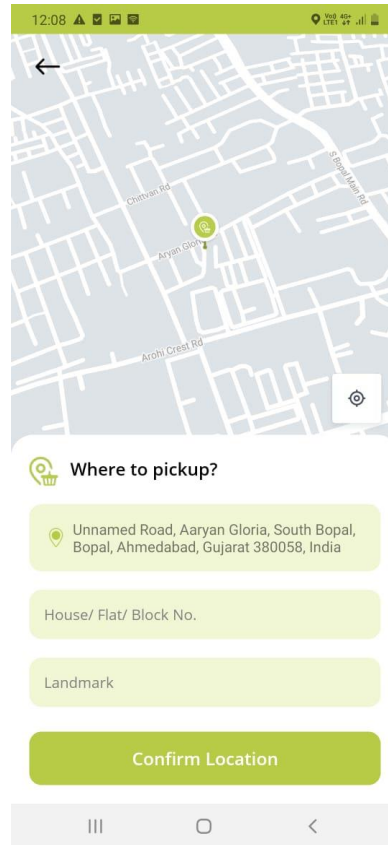


## Customer:-

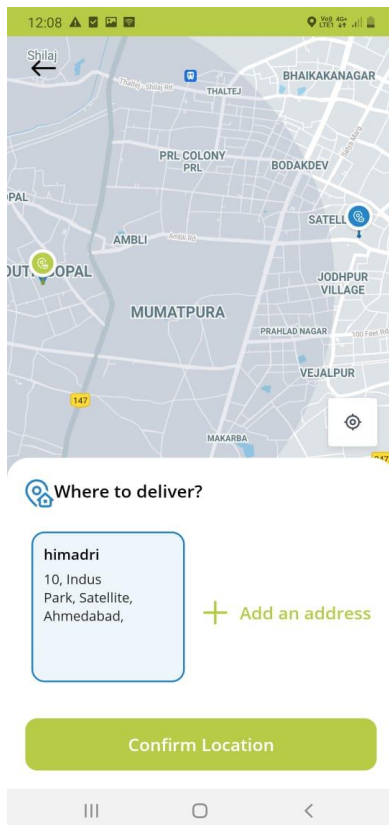
### Home Screen



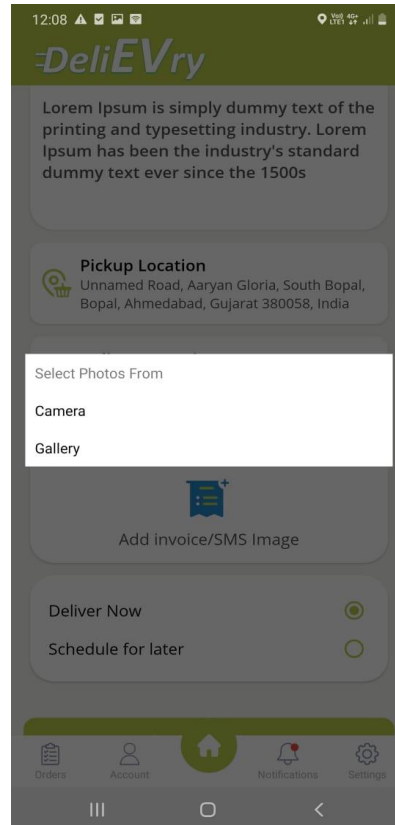
### Pickup Address



### Delivery Address



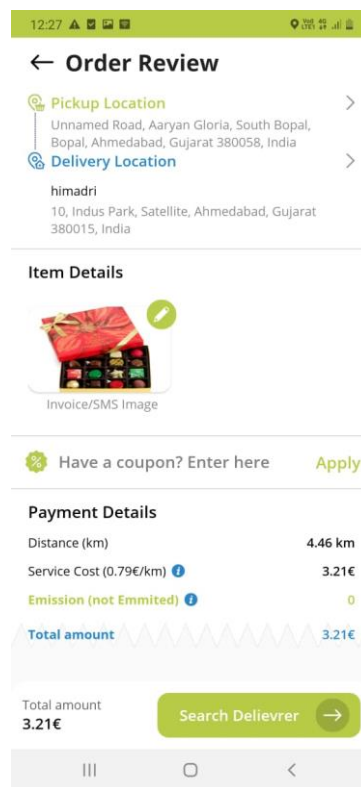
### Add Image



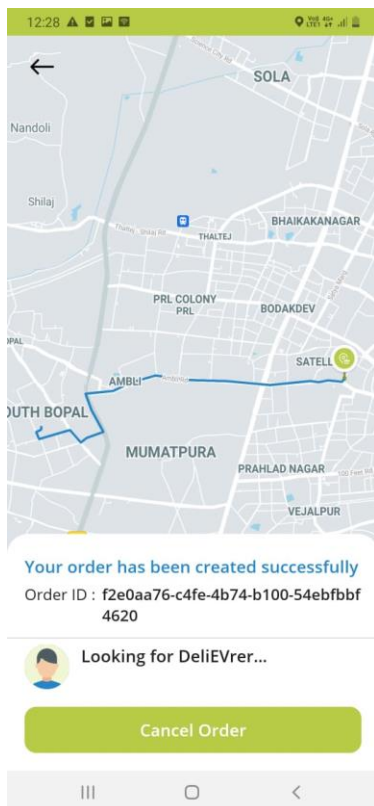
## Schedule later



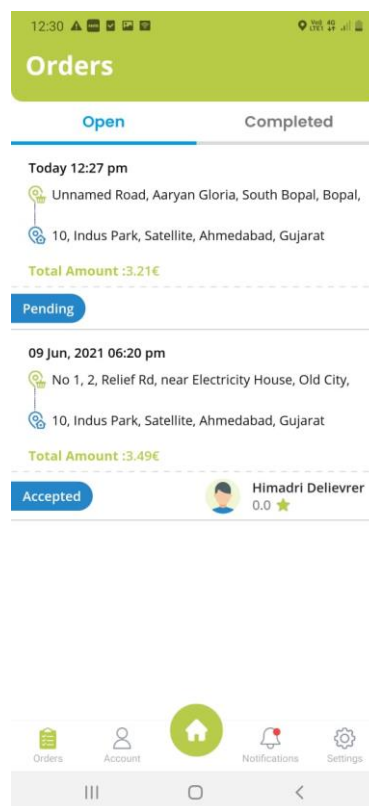
## Order Review



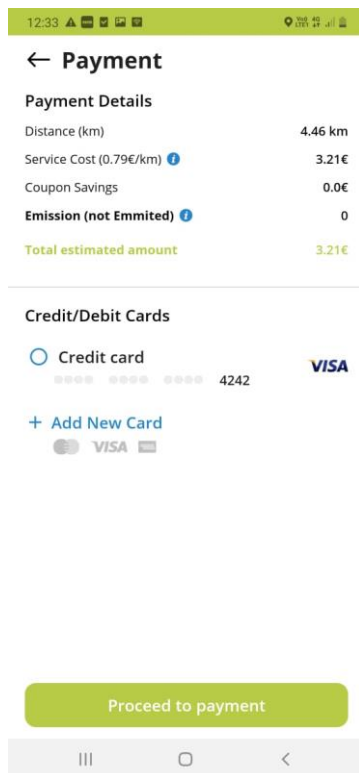
## Looking Deliverer



## Open Orders



## Payment Screen



12:33

← Payment

**Payment Details**

Distance (km)	4.46 km
Service Cost (0.79€/km)	3.21€
Coupon Savings	0.0€
Emission (not Emited)	0
<b>Total estimated amount</b>	<b>3.21€</b>

**Credit/Debit Cards**

☐ Credit card

4242 VISA

+ Add New Card

VISA

Proceed to payment

III □ <

## Add New Card



12:34

← Add Card

Enter Card Details

2587 2406 8060 2506

abc xyd

05 YYYY

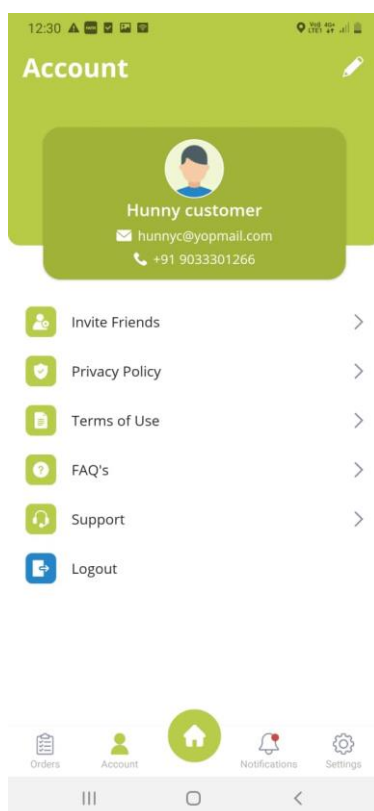
CVV

Please enter CVV number.

Save

III □ <

## Account Screen



12:30

Account

Hunny customer

hunnyc@yopmail.com

+91 9033301266

- Invite Friends >
- Privacy Policy >
- Terms of Use >
- FAQ's >
- Support >
- Logout

Orders Account Notifications Settings

III □ <

## Edit Profile



12:30

← Edit Profile

Hunny customer

Email Address

hunnyc@yopmail.com

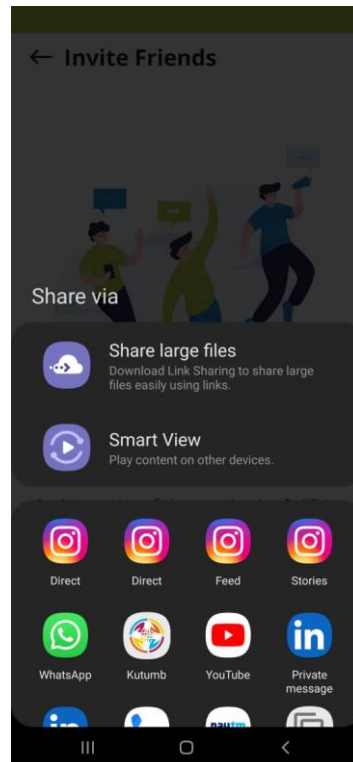
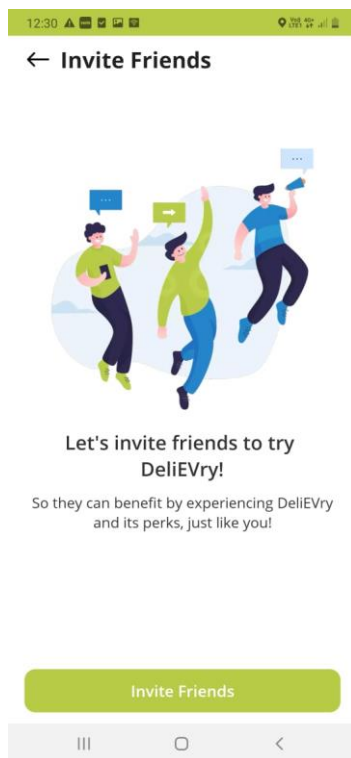
Mobile number

+91 9033301266

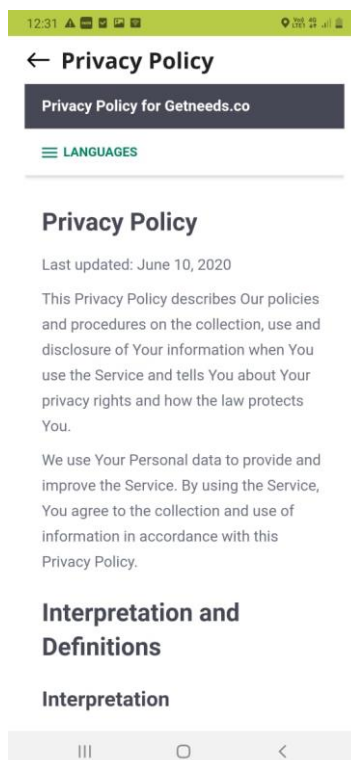
Save

III □ <

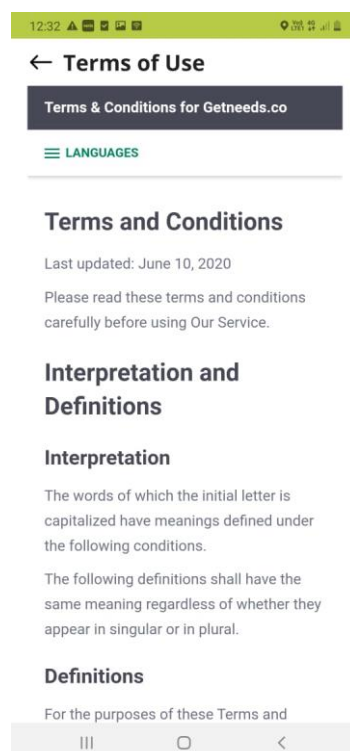
## Invite Friends



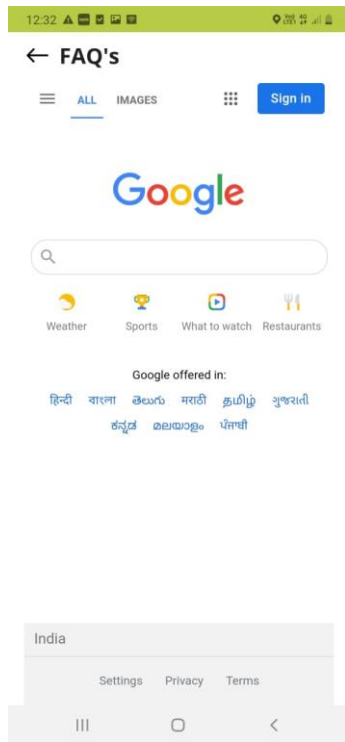
## Privacy Policy



## Terms Of Use



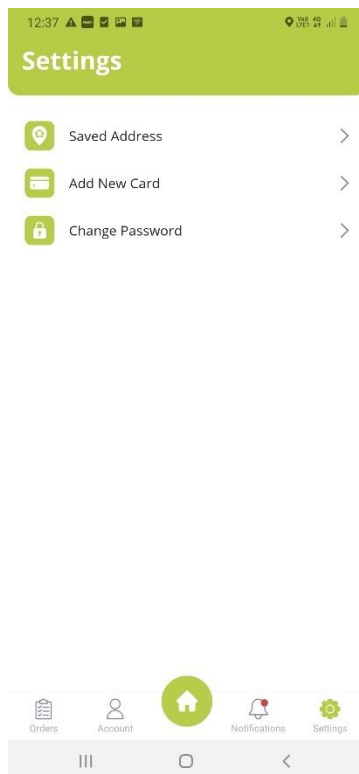
## FAQs



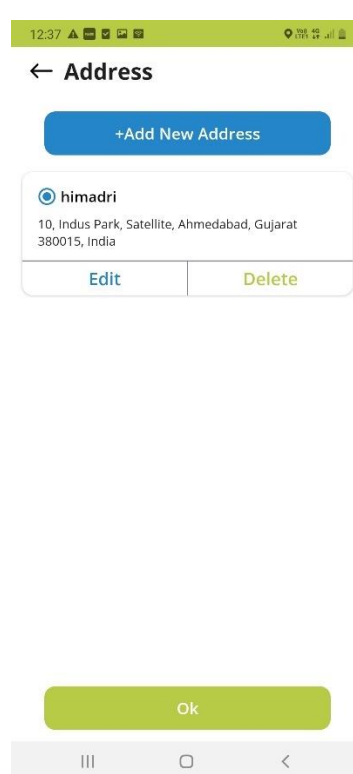
## Support



## Settings



## Saved Address



## Add New Address

12:37

← Add New Address

Drop-off location

10, Indus Park, Satellite, Ahmedabad, Gujarat 380015, India

Name

himadri

House/ Flat/ Block No.

10

Street

Satellite

City/Village

Ahmedabad

Zip code/Pin code

380015

Update Address

## Change Password

12:38

← Change Password

New Password

New Password

Re enter password

Re enter password

Save

## Notifications

12:38

Notifications

Βαθμολογήστε μας 26 May, 2021  
Μπορείτε να βαθμολογήσετε την υπηρεσία μας

Παραγγελία παραδόθηκε 26 May, 2021  
Η Παραγγελία σας παραδόθηκε !

Βαθμολογήστε μας 26 May, 2021  
Μπορείτε να βαθμολογήσετε την υπηρεσία μας

Παραγγελία παραδόθηκε 26 May, 2021  
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Βαθμολογήστε μας 26 May, 2021  
Μπορείτε να βαθμολογήσετε την υπηρεσία μας

Orders Account Notifications Settings

# DeliEVerer:-

## Login

12:39

Welcome Back

Customer DeliEVerer

hunnyd@yopmail.com

Password

Forgot password?

Sign in

Still not register? [Register here](#)

Please enter password

## Home Screen

12:40

DeliEVerer

0.0

Overall average Ratings out of 5

Your Activates

1 Upcoming Jobs

0 Completed Jobs

Current Jobs

Accepted

Order ID : 053a6679-4443-44d4-a774-94e3be9beb0e

Pickup Location

No 1, 2, Relief Rd, near Electricity House, Old City, Lal Darwaja, Ahmedabad, Gujarat 380001, India

Delivery Location

10, Indus Park, Satellite, Ahmedabad, Gujarat 380015, India

Orders Account Home Settings Notifications

## Upcoming Jobs

12:41

Orders

Open Completed

09 Jun, 2021 06:21 pm

No 1, 2, Relief Rd, near Electricity House, Old City,

10, Indus Park, Satellite, Ahmedabad, Gujarat

Total Amount ₹3,496

Accepted

Hunny customer 0.0

Orders Account Home Settings Notifications

## Completed Jobs

12:43

Orders

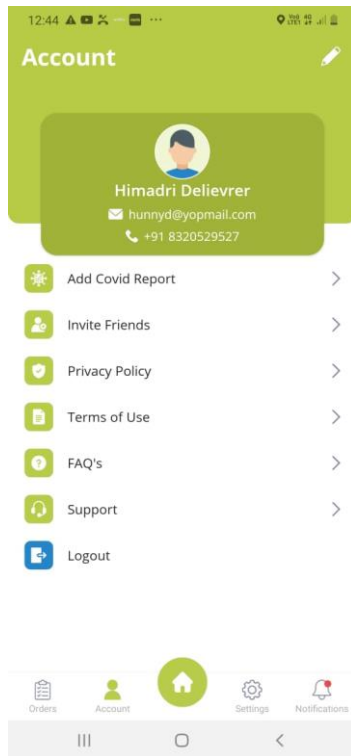
Open Completed

No completed orders available.

Orders Account Home Settings Notifications



## Account



## Add Covid Report



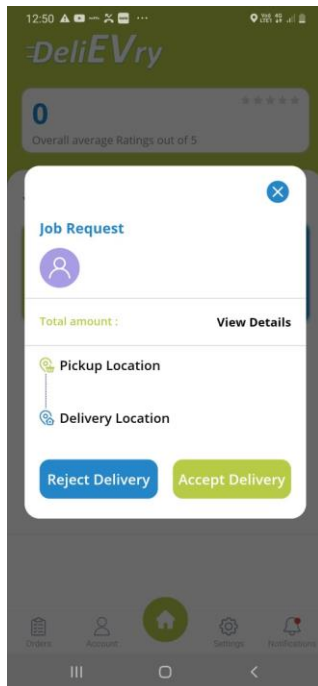
## Settings



## Notifications



# Job Request



## Testing Method:

- Once source code has been generated, software must be tested to uncover as many errors as possible before delivery to the client. Which is a very important to work the system successfully and achieve high quality of software. Testing includes designing a series of test case that have a high likelihood of finding error by applying software-testing technique.
- System testing makes logical assumptions that if all the parts of the App are correct, the goal will be successfully achieved. The App should be checked logically. Validations and cross check should be there.

- **Unit Testing:**

- In the Android application smallest testable unit is app screen itself. So the screens of the App are to be unit tested. Each screen contains content, intents, and processing elements .The testing will be driven by the content processing.

- **Integration Testing:**

- In We have used top down testing strategy for integrating screens. The separately generated screen will be integrated and for checking that they work properly after their integration, tests will be conducted to ensure their proper functionality. it is checked that whether output of screen will be redirect to specific screen. After that regression testing strategy us to ensure that changes do not introduce unintended behavior or additional errors.

- **System Testing:**

- The functionality of the App will be checked with the different version of the Android mobile models . and wherever necessary it will be attempted to change the implementation of the not working for some mobiles for some case and of course without losing the purpose of the functionality, if possible.

## Login Testing

No.	Test Condition	Input Data	Expected Result	Actual Result	Status
1	Login	Click On Login Button Without Email & password	App will not allow to login	App will display Toast to Enter details	Pass
		Click On Login Button With invalid Email & password	App will not allow to login	App will display Toast to Enter valid details	Pass
		Click On Login Button With valid Email & password	App will allow to login	App will allow to insert data & process login	Pass

## Register Testing:

No.	Test Condition	Input Data	Expected Result	Actual Result	Status
1	Register	Click On Register Button Without entering details	App will not allow to Register	App will display Toast to Enter details	Pass
		Click On Register Button With invalid details. Enter wrong email & phone	App will not allow to sign-up	App will display Toast to Enter valid details	Pass
		Click On Register Button With valid Details	App will allow to Register	App will allow to insert user data	Pass

## Functional Testing:

No.	Test Condition	Input Data	Expected Result	Actual Result	Status
1	Address Distance	Address in two different cities or too far	App will not calculate Delivery	App will display Toast of can not be delivered	Pass
2	Location	Click On Pick up Address or Delivery address	App will ask to turn on location in mobile	App will ask to turn on location in mobile	Pass
3	Search Deliverer	Click On Search Deliverer Button	App will search for deliverer & if not available shows pending status	App will search for deliverer & if not available shows message & pending status	Pass

## Security Testing :

No.	Test Condition	Input Data	Expected Result	Actual Result	Status
1	Forgot password	Click On forgot password button	App will ask for verification	App will ask for registered mail id	Pass
2	Add Card	Insert incomplete card details	App will not allow add card details	App will show Toast to Enter missing details	Pass

## **Future Enhancement :**

- Though I have put my best to develop the system, there are few things which we may take it as our system's enhancement .
  - In Future we can add covid-19 related features wherever needed

## **Bibliography:**

- **For developing this “DeliEVryApp” (Android Application) I have referred the following.**

### **Website:**

1. <https://developer.android.com/>
2. <https://kotlinlang.org/>
3. <https://stackoverflow.com/>
4. <https://www.youtube.com/>
5. <https://www.javatpoint.com/>