



AcuitiPay



# AcuitiPay

## Functional Specifications

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## Functional Specification

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# 1. Introduction



AcutiPay provides a robust and flexible solution for end-to-end billing, payment, and customer relationship management platform for connected vehicles. Capable of working with partners from the automotive, telecom, and insurance industries (among others), AcutiPay brings together all the services that drivers need into one easy-to-use platform. The services include -

- Fuel and charging
- Roadside / accidents
- Parking and Tolls
- Insurance
- Vehicle Accessories
- Maintenance and repairs
- Wi-Fi and streaming media
- Food and Beverages
- Vehicle Financing & Leasing

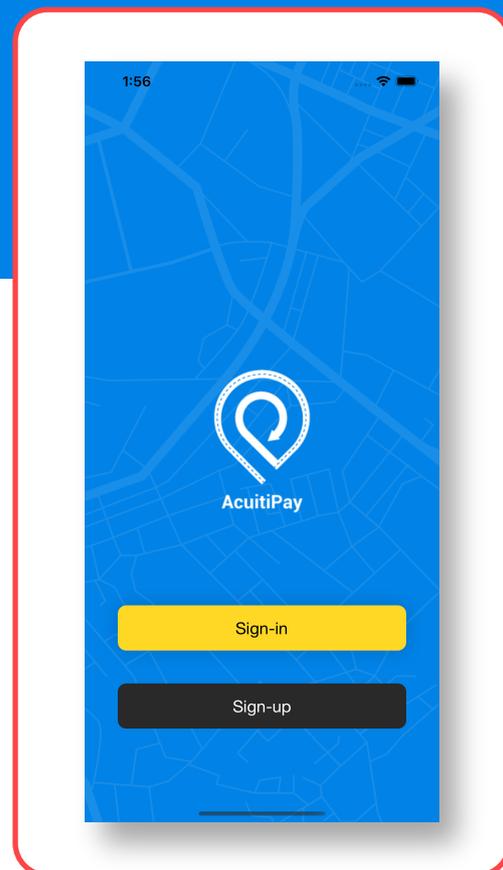
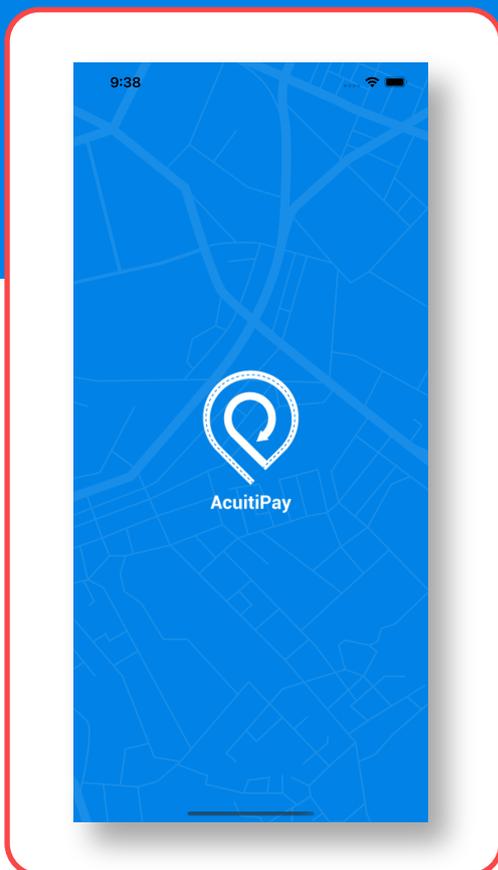
AcutiPay provides a ready to use platform to enable connected vehicle commerce by using new age SAP Technologies.

## 2. Features

- |   |                         |    |                     |
|---|-------------------------|----|---------------------|
| 1 | Login and Registration  | 7  | Transaction History |
| 2 | Home – List of services | 8  | Sign-out            |
| 3 | Side Menu               | 9  | Buy Service         |
| 4 | Profile                 | 10 | Add Vehicle         |
| 5 | Cards                   | 11 | Add Card            |
| 6 | Vehicle                 |    |                     |

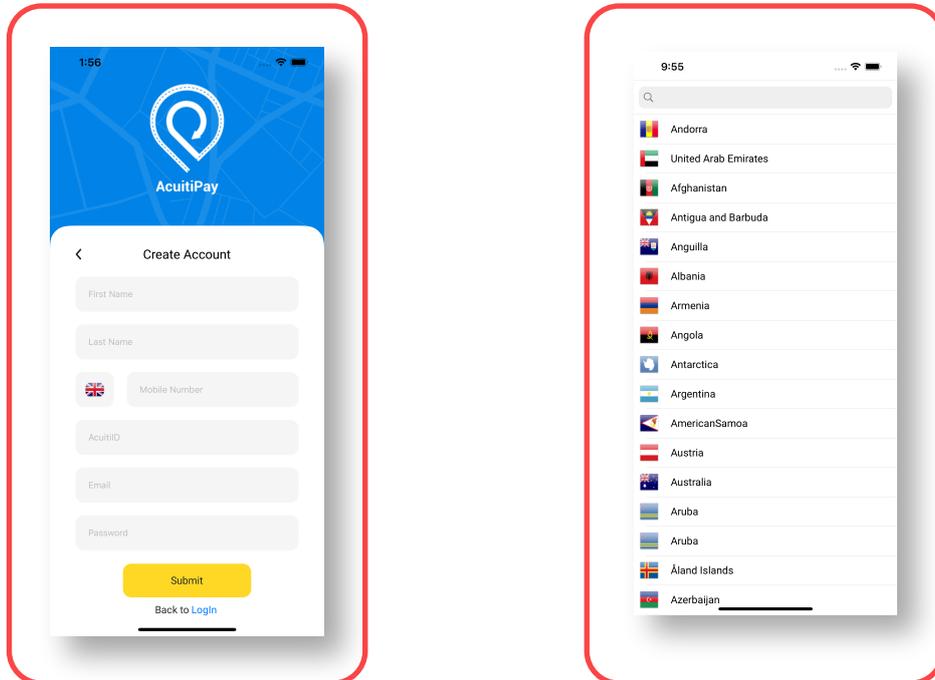
## 3. Landing Screen :

When Application is launched, user will see landing screen with two options on it. One is login - Which will take user to login screen, and another is registration screen - which will take user to register user option on the screen.



## 4. Sign In and Sign Up:

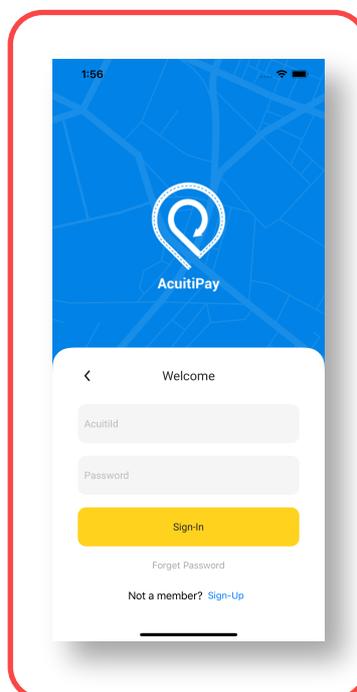
The Sign-Up option allows user to create account on AcuityPay. User here is asked to enter some of the important details like first name, last name, mobile number - as shown in the below screenshot.



User can choose country from country list and fill other details. Once you finish the registration process successfully, you can easily sign in from the next time the customer uses AcuityPay application.

### 4.1 Sign In

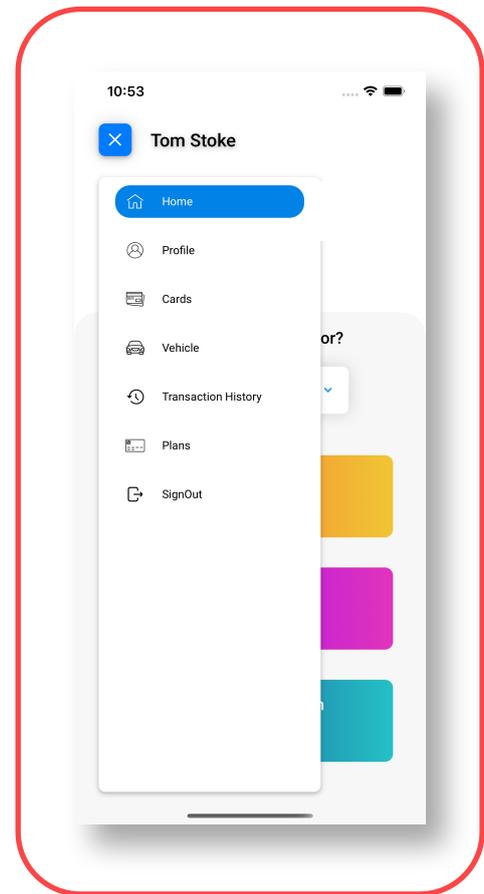
User can login into the application with the help of same credentials. Once the user login is successful, user will be redirected to home screen/dashboard



## 5. Side Menu

Navigation Drawer shows a list of all the necessary feature through which the user can navigate and use the application easily.

Once a user is logged in successfully in the application, they will find a hamburger icon at the top left corner. On click, user will see side menu and the options are available in the menu list - like profile, card, vehicle, transaction history, plans, sign out etc.



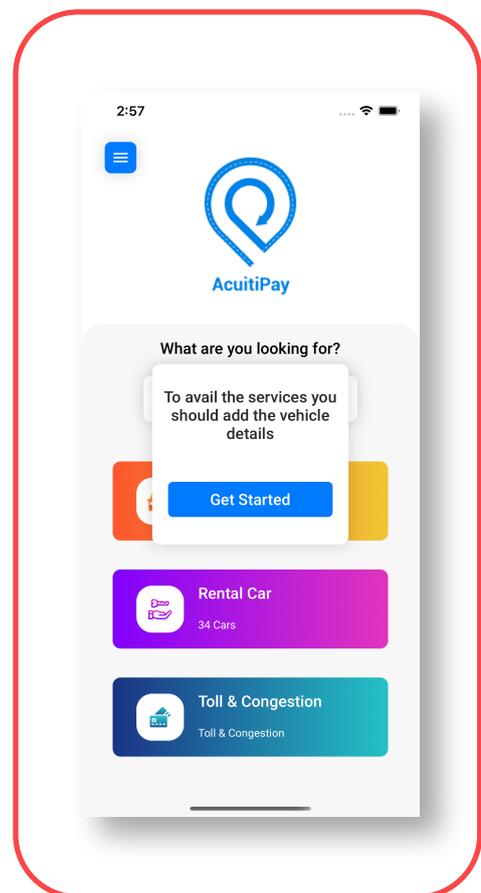
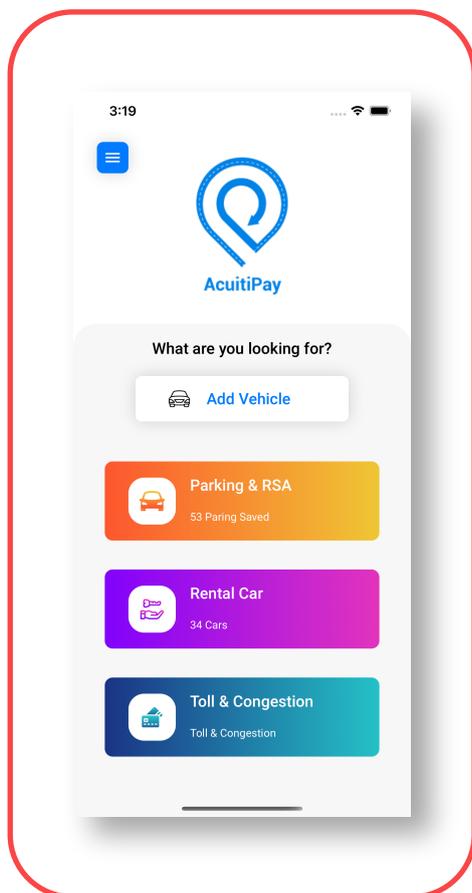
## 6. Home Screen / Dashboard

User on dashboard will have a list of all the services that AcuitiPay offers. As of now, there are three services listed I.e.

- Parking and RSA,
- Rental Car
- Toll and congestion

Along with the above services, there's also a vehicle drop down option to choose vehicle added by user, so that user can buy any service for that vehicle.

It is mandatory to add vehicle before user buy any service, if user did not add any service, they will see below screen, by clicking on - Get Stared button, user will navigate to Add Vehicle screen.



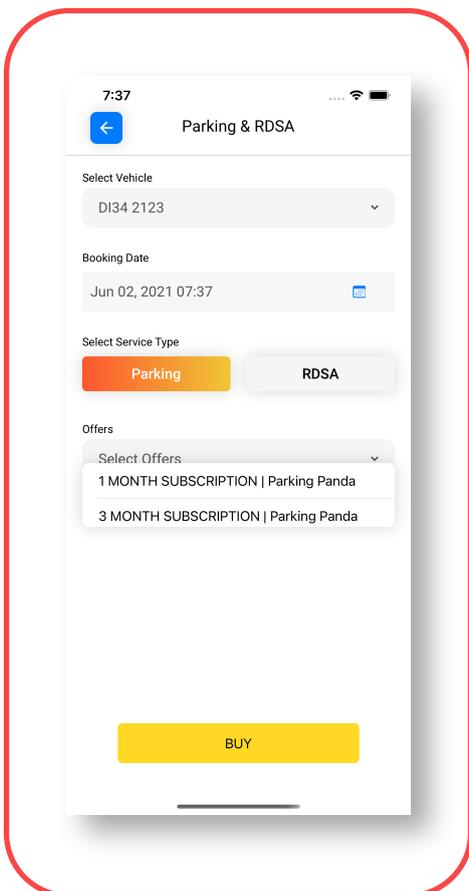
## 7. Services :

### 7.1. Parking & RSA (Road Side Assistance)

The Parking and RSA service is type of service from which the user get benefits to park his/her vehicle in the parking and RDSA/RSA areas.

While buying this service, user need to select or add information related to the service, offers on that service, select vehicle, date, Service Type (Parking & RSA). Based on the offers available for the user, they will see the price for that specific service he is buying.

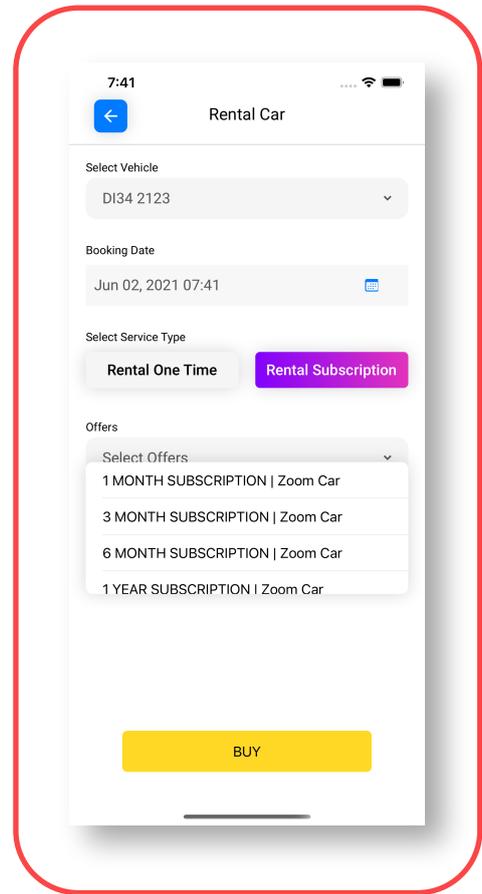
Once user select the offers user will see the offer details in tabular column.



## 7.2 Rental Car

This is one of the services by AcuitiPay in which a user can get the benefit of using a Rental Car whenever they need to

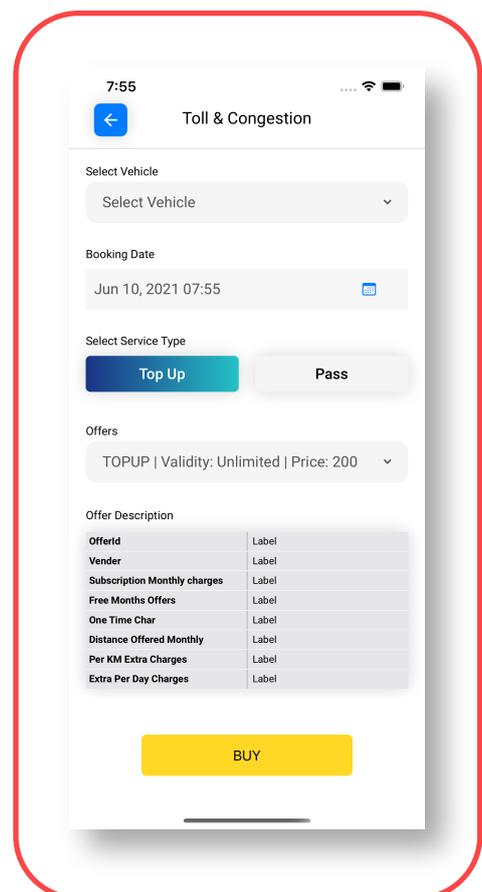
While buying this service, user need to select/add information related to the service, offers on that service, select vehicle, date, service type (Rental One Time & Rental Subscription).



## 7.3 Toll & Congestion

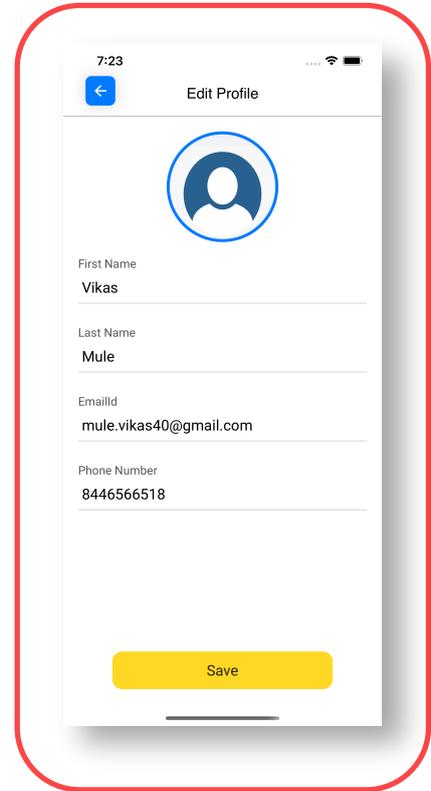
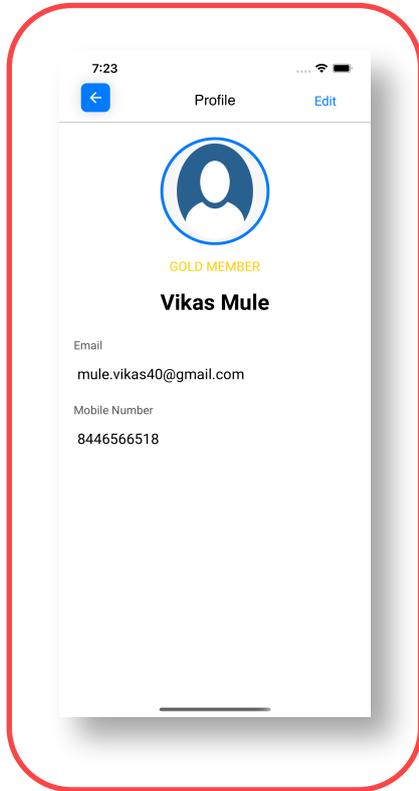
Customers can use another service offer by the app – Toll and Congestion. ,

While buying this service user need to select or add information related to service, offers on that service, select vehicle, date, Service Type (TopUp OR Pass).



## 8. Profile

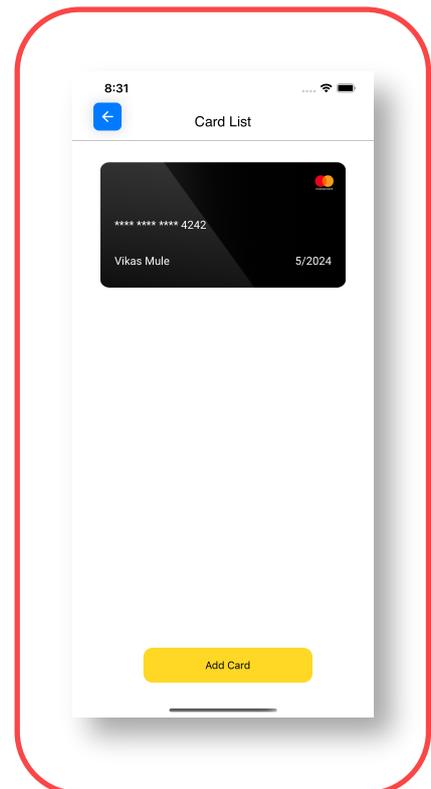
Users can navigate to this screen from side menu, User can see personal details and can edit/update user details



## 9. Cards

User can navigate to this screen/card from the options available in the menu on dashboard, where all the payment methods added by user are listed. it will fetch the card list from stripe using a customer id.

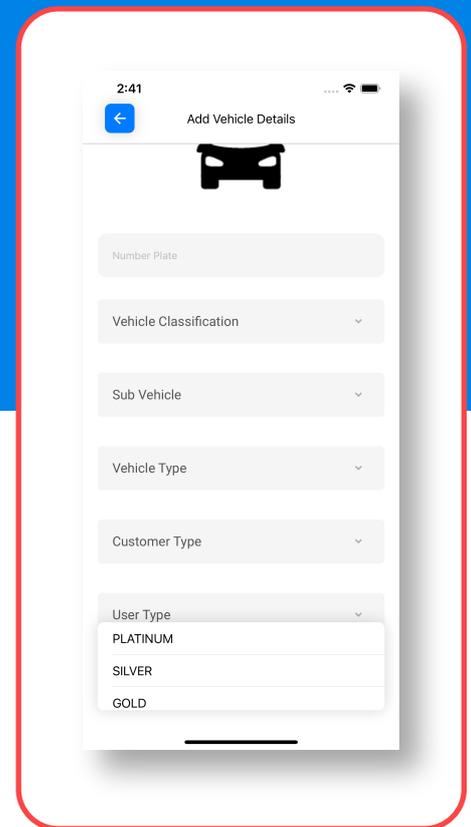
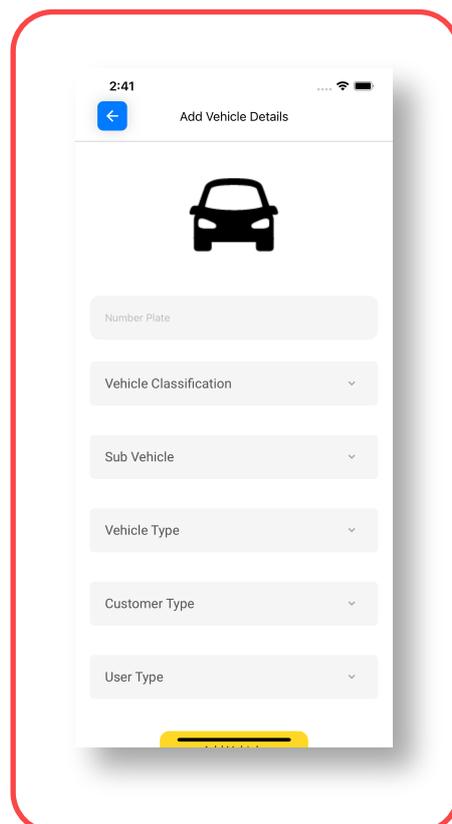
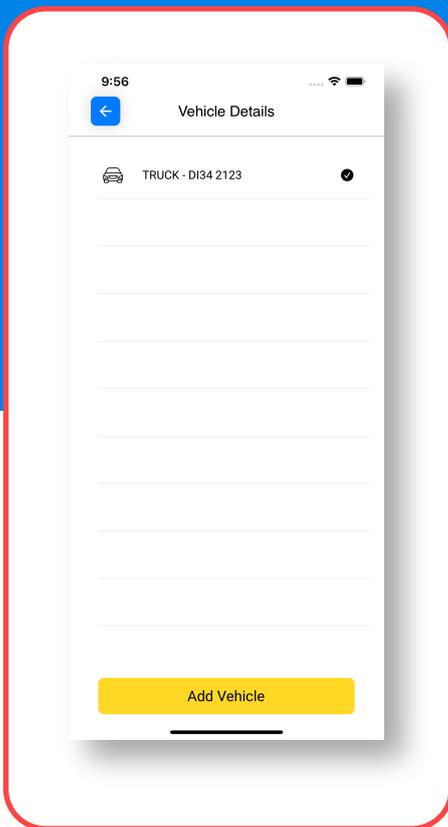
User will have option to add more card at the bottom of the screen in case they need to do it for future payments. As you add the card in the payment section, the payment process becomes hassle free and it becomes easy to select and make payment quickly in one go.



# 11. Vehicle List & Add Vehicle

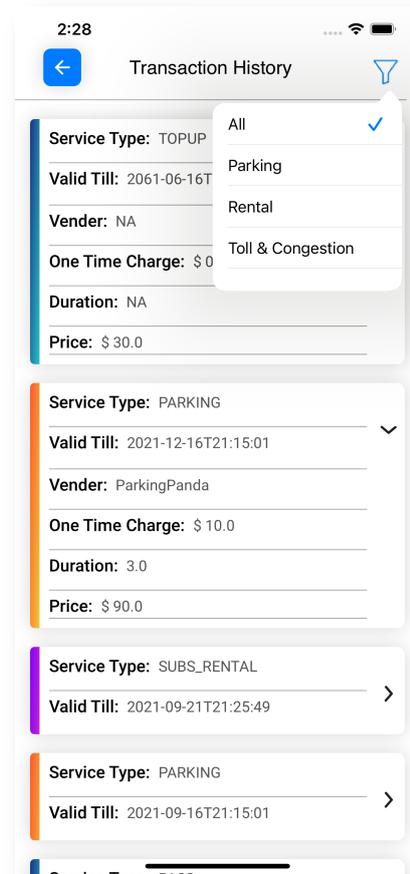
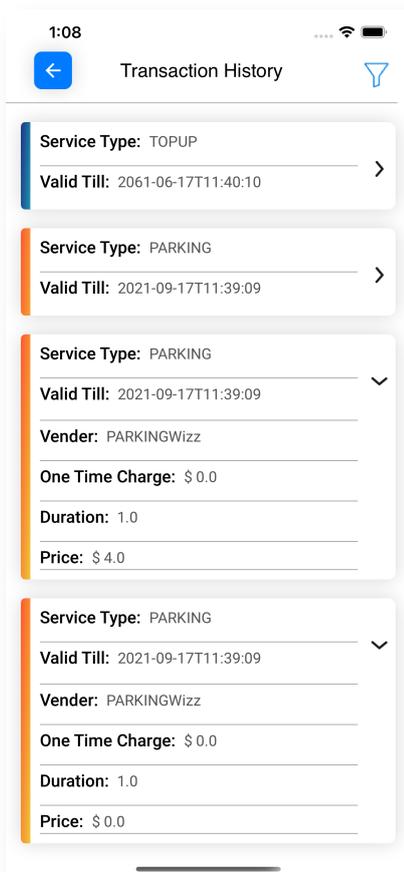
Vehicle list - User can navigate to this screen from the side menu, by clicking on service card. By doing this, user will get the list of the vehicles added by user.

User can add vehicle, by giving required information related to vehicle classification and other details as you can see in the below screen. Users have the choice to pick from any of these types platinum, gold, silver. According to user-type, user will see the offers while they purchase any service.



# 11.Transaction History / My Pass

My Pass feature in the App will list all the purchased services like Parking & RSA, Rental Car, Toll and congestion and 'Pay-as-You-Go' from consumption model (not implemented in mobile). Initially user will only see two filed Service Type and Valid till details. User can see all the details related to service by expanding the card.



On this screen, user can use filter option to find service details using service type.

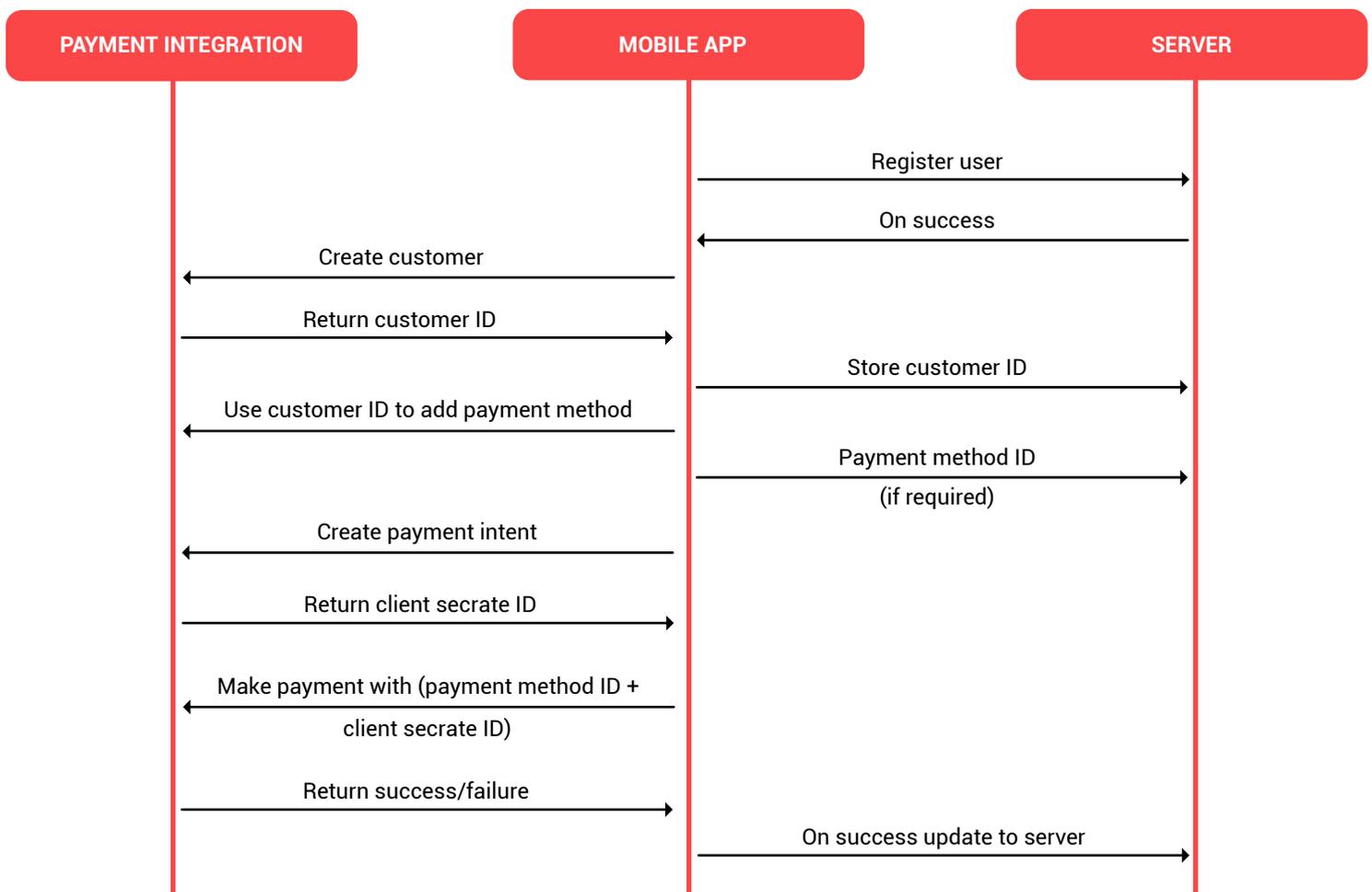
## 12. Payment Integration

Payment gateway is third party payment model used in the project to buy services. Using stripe APIs, we make payments by taking users details.

Below are the functionalities used in the application.

1. Creating Customers
2. Adding Payment Methods
3. Fetching Payment methods
4. Payment Intent – It will have payment information like description amount address details.
5. Payment.

Please find wired diagram just for reference how payment integration:



## 13. Revenue Recognition

Backend aids the process of revenue recognition. To recognize the revenue when it is earned, system uses the following ways to recognize it.

- For the one-off journey like Airport Journey, Taxi system uses the time-based revenue recognition.
- For the journeys that bought as a pass or in bulk system uses the 'even' of journey consumption to recognize revenue.