



UNIVERSITY
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AUSTRALIA



PRELIMINARY USER MANUAL

SkuPool

Team FYP20-S2-10

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Project website

<https://skupool.wixsite.com/skupool>

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1.0	Kang Wei	Created preliminary user manual and added in details	13/06/2020

Table of Contents

1	SkuPool's Preface	4
2	What are SkuPool's Features	4
3	Target Audience	5
4	Instructions	6
	Overview	6
	Login Page	6
	Register Account Page	7
	Menu Taskbar	8
	Manage Profile	9
	Manage Payment Details	10
	In-App Chat	11
	In-App Calendar	12
	Driver Add Schedule	13
	Rider's View of Calendar	14
	Activity - View Requests	15
	Rider's Request Page	16
	Driver's Respond Page	17
	Activity - View Upcoming / Past Trips	18
	View Receipts	19
5	Contact Information	20

1 SkuPool's Preface

SkuPool is a carpooling application that provides a number of unique features, as compared to the existing market applications. It is geared towards users who feel that it is more convenient having a carpooling application that is able to target a specific to and from location, without the concern of needing to carpool with someone that is heading to or from a different location. That is where SkuPool comes in as a product that is designed with that specific concern in mind.

2 What are SkuPool's Features

Apart from the common features that exist on the existing market applications that involves posting of schedule and booking of trips, our developed application will have the following unique features:

- **In-App-Calendar**, for users of the application to access. Both drivers and riders will be able to access the same calendar view, but only drivers are able to post their trip's. Whereas riders will then access the calendar and book their trip from there. This allows convenient access to the booking system.
- **Group Segregation**, for all users using the application. During registration, users are required to choose from a list of available school campuses. Users are then grouped according to the selected school and are only able to interact with other users from the same group. Reason being for having a group segregation, there won't be circumstances where users encounter drivers that are travelling to other school campuses and having to frantically look for suitable drivers instead.
- **Fixed to or from location**, selected during account registration. Users of the application are required to choose from a list of school campuses during registration and will then be categorised into groups based on the school they select. Once the chosen school has been confirmed, they are only able to interact with users from the same school. They can then only either choose to head to or from the selected school.
- **Requests by Riders** during booking of carpool trips. Before the confirmation of the trip, users are able to indicate their additional request to notify the drivers in advance. An example might include having a wheelchair. Such that drivers can be prepared in such events.

3 Target Audience

Our targeted market mainly revolves around users who are travelling to and from selected school campuses. Examples of such users include:

- School Staff
- Faculty
- Students

Apart from the above-mentioned users, this application could also be a one-time usage for family members and friends, whom are attending graduation ceremony in the selected school campuses as well. By which our application will then come in handy.

4 Instructions

Overview

This section illustrates the mock-up User Interface (UI) of SkuPool. The UI design shown in this section is subjected to review and may vary from the final GUI of the end product.

Login Page

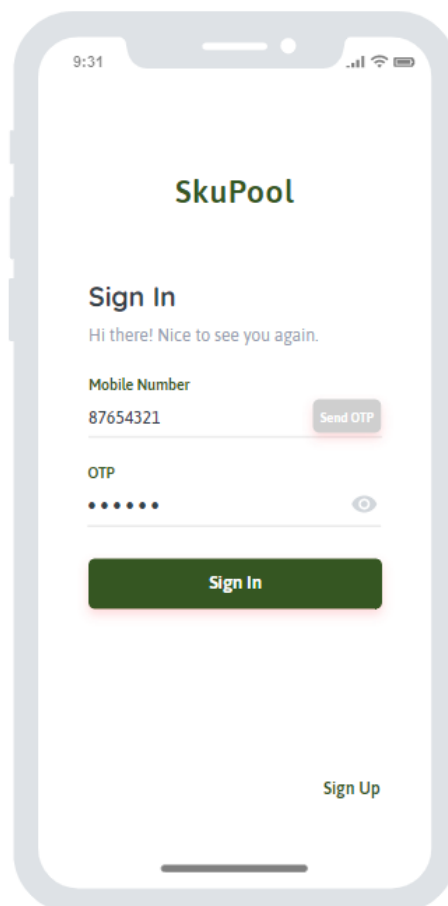
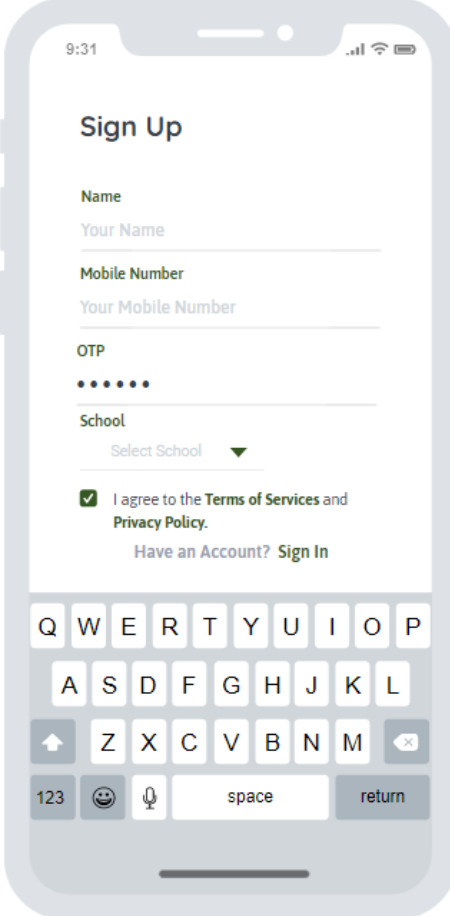


Figure 1: Login Page for Users

As seen in Figure 1, users who have not registered for their account will have to do so by clicking on the 'Sign Up' button as located at the bottom right of the login page. Registered users are required to sign in using their registered mobile number and an OTP which will be sent to the provided mobile number. No password is intended as OTP will be in place instead for logging in.

Register Account Page



9:31

Sign Up

Name
Your Name

Mobile Number
Your Mobile Number

OTP
••••••

School
Select School ▼

☒ I agree to the **Terms of Services** and **Privacy Policy**.

Have an Account? [Sign In](#)

Figure 2: Account Registration Page

All first-time users of the application are required to register for an account. First-time users are required to enter all the mandatory fills in the account registration page as shown on Figure 2. That includes an OTP that will be sent to the provided mobile number for verification purposes. In the event that the user did not receive the OTP, they can request for another one again after 60 seconds. They are also required to choose from a list of schools from the drop-down option. This will then be their desired destination or pick-up point for the SkuPool application and they will only be able to interact with users from the same school.

Menu Taskbar

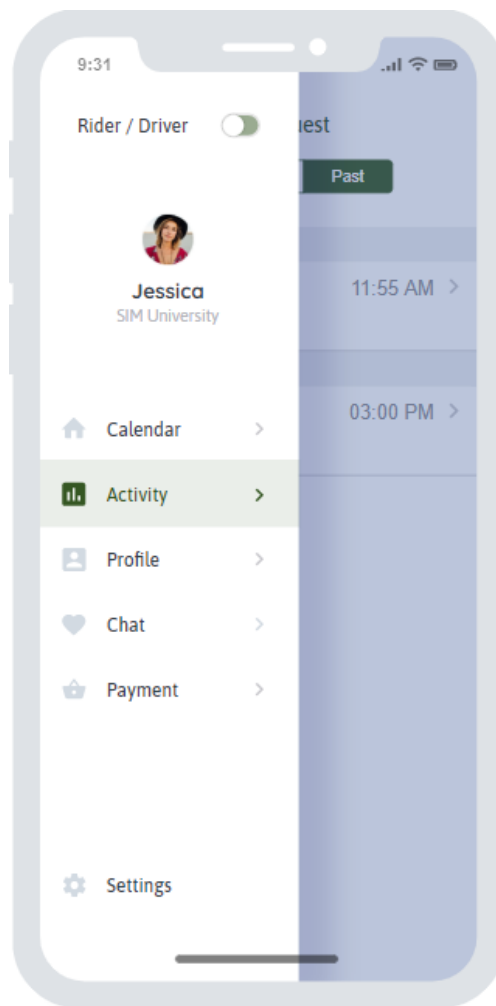


Figure 3: Menu Taskbar

Upon successfully login to the application, they will be able to access the menu page with the features such as User's Profile Information, In-App Calendar, Activity, Profile, In-App Chat, Payment and Settings (Figure 3). Users can also toggle between the Driver and Rider role. These features will then navigate to the respective pages.

Manage Profile

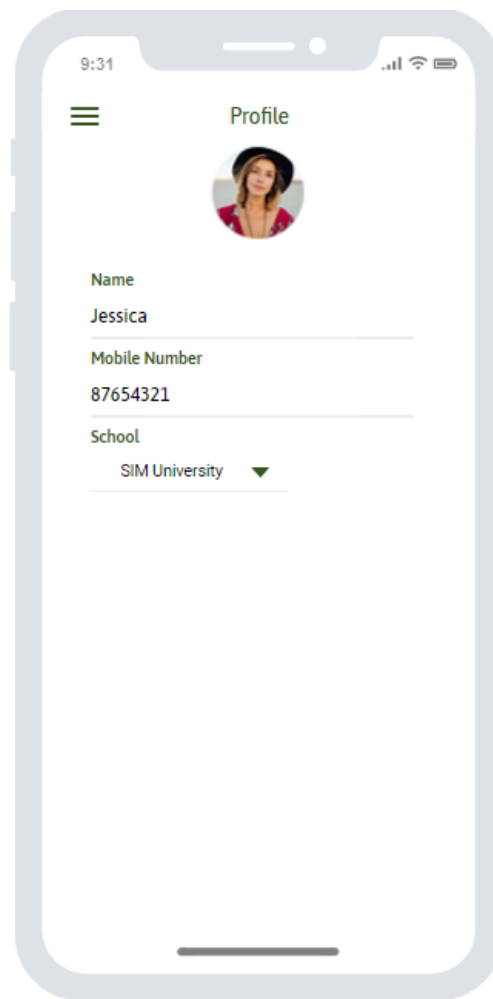


Figure 4: Profile Management

Users are able to update or edit their individual profile respectively as shown in Figure 4. They are also able to change the School option that they have chosen during the registration.

Manage Payment Details

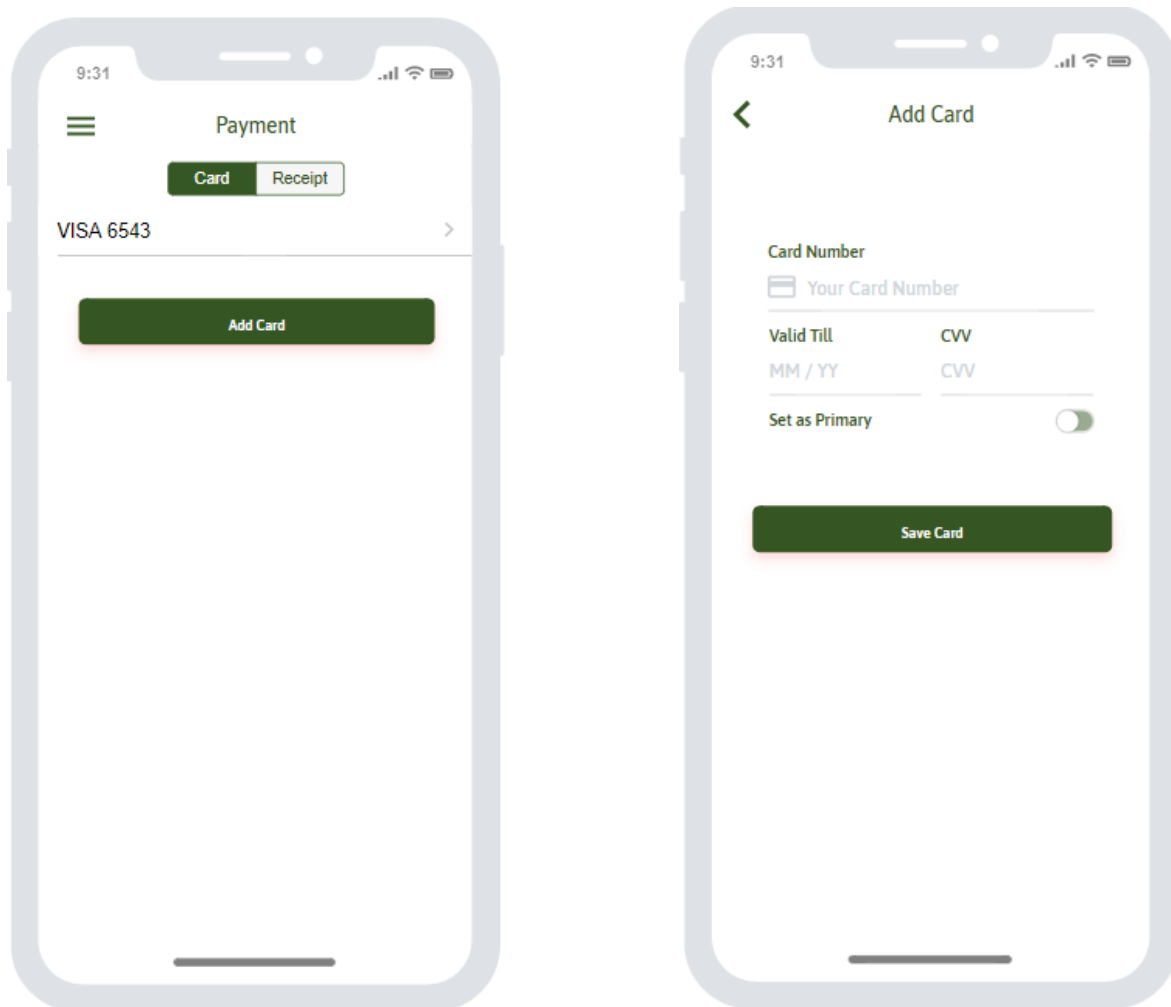


Figure 5 & 6: Managing Payment Details

The user is able to manage their payment details at the Payment page. They can view the cards that were saved previously, and also add/delete cards. To add a new card, they can click on 'Add Card'. After entering their card details, they can click 'Save Card', and the card will appear in their list of cards in the Payment page.

In-App Chat

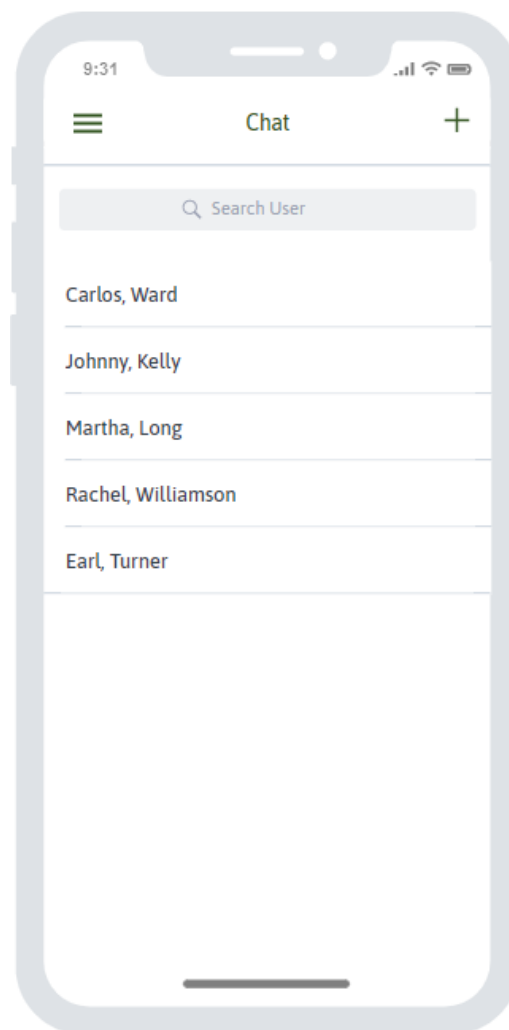


Figure 7: In-App Chat

The users can utilise the In-App Chat to communicate with other users in the same group. This will also serve as the point of communication between riders and drivers when required during the booked trip. They can only chat with users whom they have carpooled with before or made requests to.

In-App Calendar

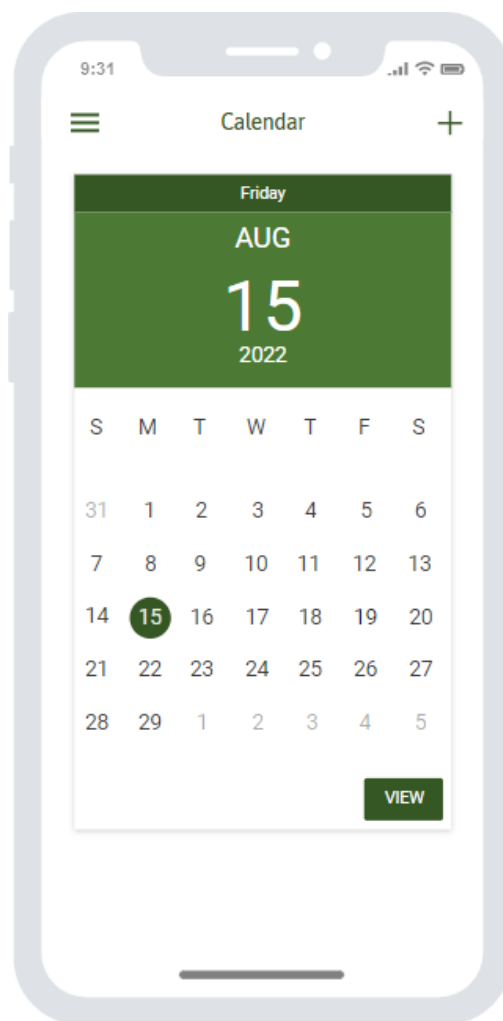


Figure 8: In-App Calendar

Users are able to view the In-App Calendar, where drivers can post their schedules and riders can look at the drivers' schedules and make requests to the drivers. Drivers can click on the '+' sign at the top right corner to add their schedules, and riders can click on any date and click 'View' to view the drivers' schedules for that day. This allows riders to have quicker and convenient access to the driver's schedule for booking on the day of their intended trip.

Driver Add Schedule

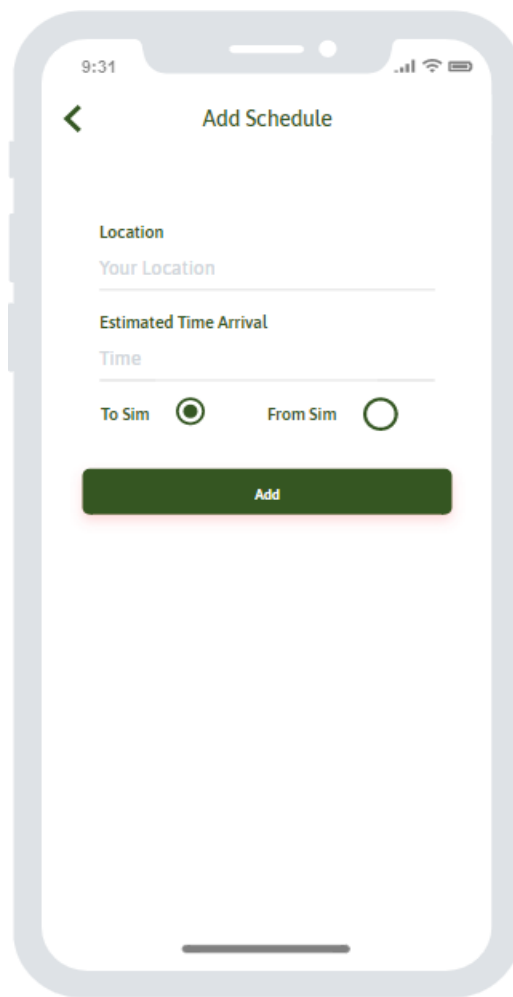
A screenshot of a mobile application interface titled "Add Schedule". The interface is displayed on a smartphone screen with a status bar at the top showing the time 9:31, signal strength, and battery level. The app has a white background with a light gray border. At the top, there is a back arrow icon and the title "Add Schedule". Below the title, there are two input fields: "Location" with the placeholder text "Your Location" and "Estimated Time Arrival" with the placeholder text "Time". Below these fields, there are two radio buttons: "To Sim" (which is selected, indicated by a filled green circle) and "From Sim" (which is unselected, indicated by an empty circle). At the bottom of the form, there is a green button with the text "Add".

Figure 9: Adding Schedule

When a driver wants to add their schedule to the calendar, they have to fill in the location they are heading to/from, estimated time of arrival, and select whether they are going to SIM or going to their designated location from SIM. After filling in the information, they can click 'Add' and the schedule will be posted on the calendar for riders to see.

Rider's View of Calendar

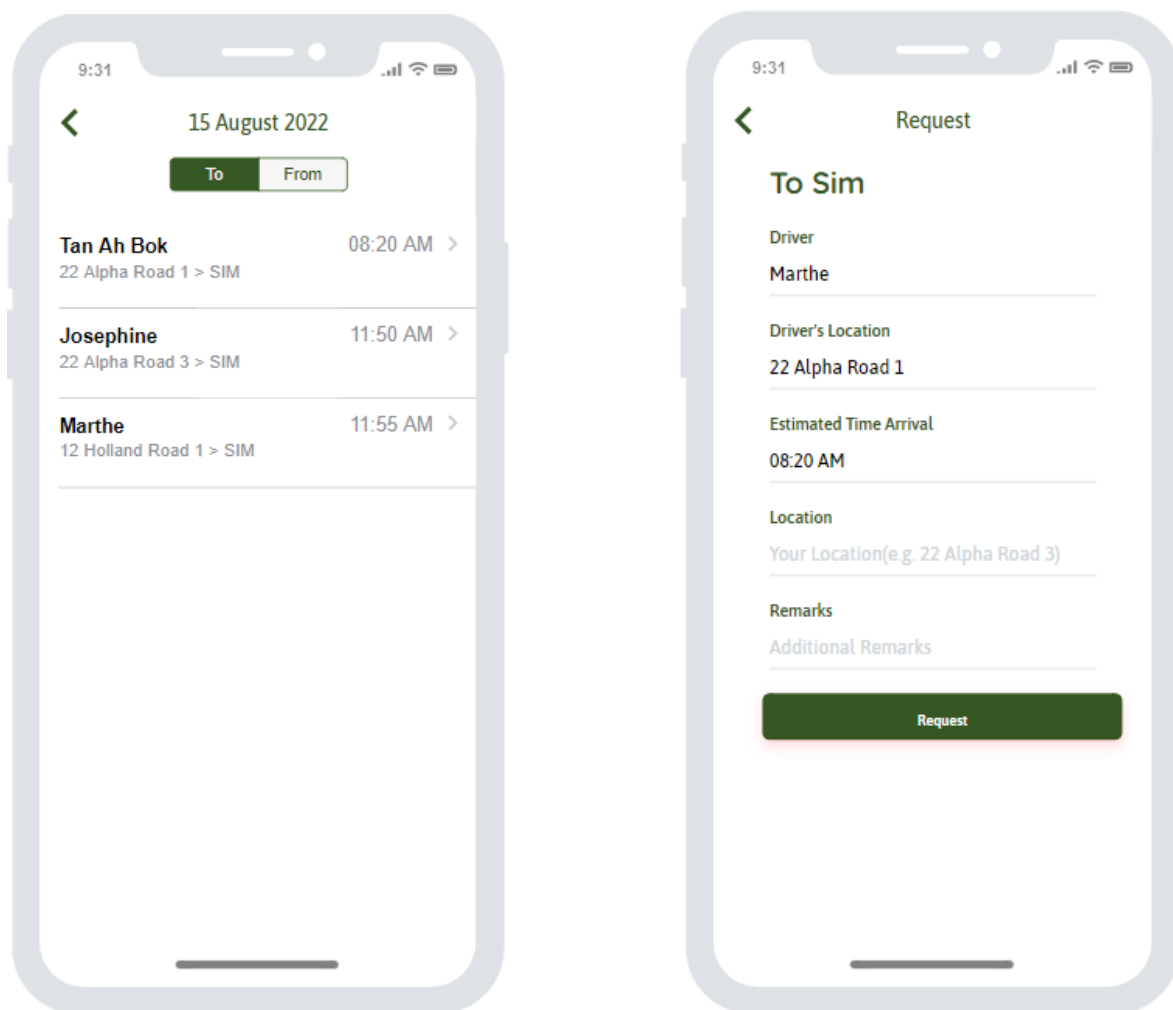


Figure 10 & 11: Rider viewing calendar and making request

When the rider chooses to view a date in the calendar, they will see a page (Figure 10) displaying the drivers available for that day. After selecting a driver, they will be brought to the request form (Figure 11), where they will proceed to fill in their pickup location and any remarks if applicable. They can then click on 'Request' and the request will be sent to the driver.

Activity - View Requests

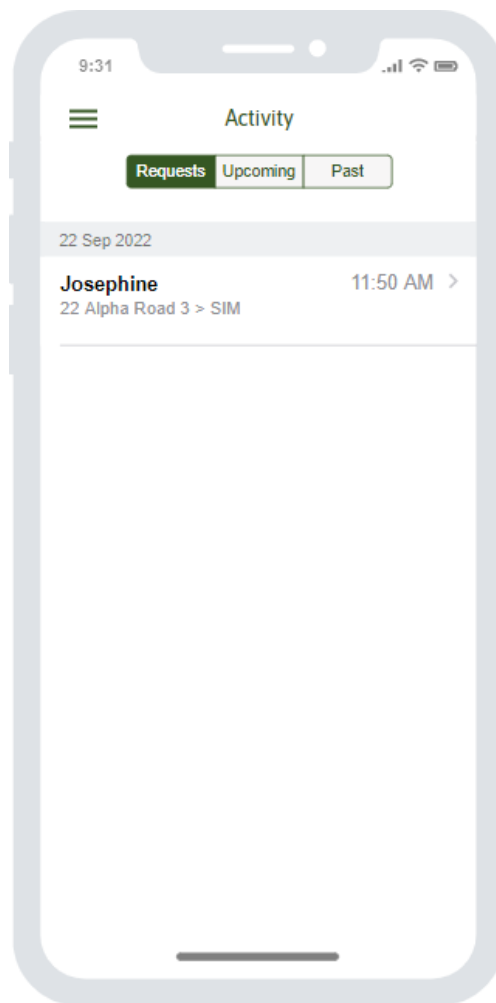


Figure 12: Viewing requests

In the Activity page, the driver is able to view the requests they have received from riders. They will be able to view any pending requests, upcoming requests, and past requests. The date and time for the request are displayed, and they will be able to see more details if they click into the request (As seen in Figure 13 on the next page).

Rider's Request Page

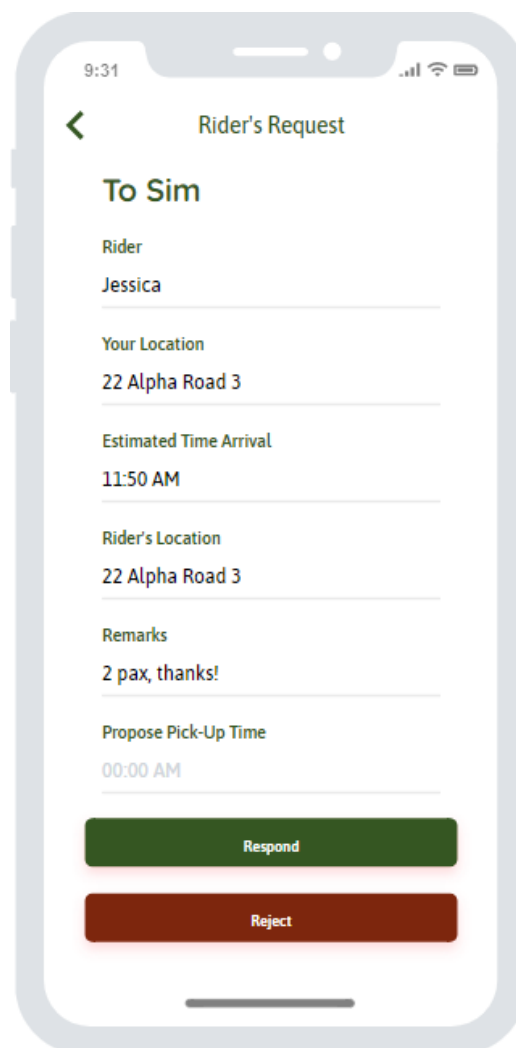


Figure 13: Responding to a rider's request

After a rider has made a request to a driver, the driver receives the request and is able to view the details of the request. The request shows the rider's name, rider's location, estimated time of arrival, the driver's location, and any remarks the rider has made. The driver will then enter a pick-up time and select 'Respond' if they decide to accept the rider's request. Else, they can choose to 'Reject' the request.

Driver's Respond Page

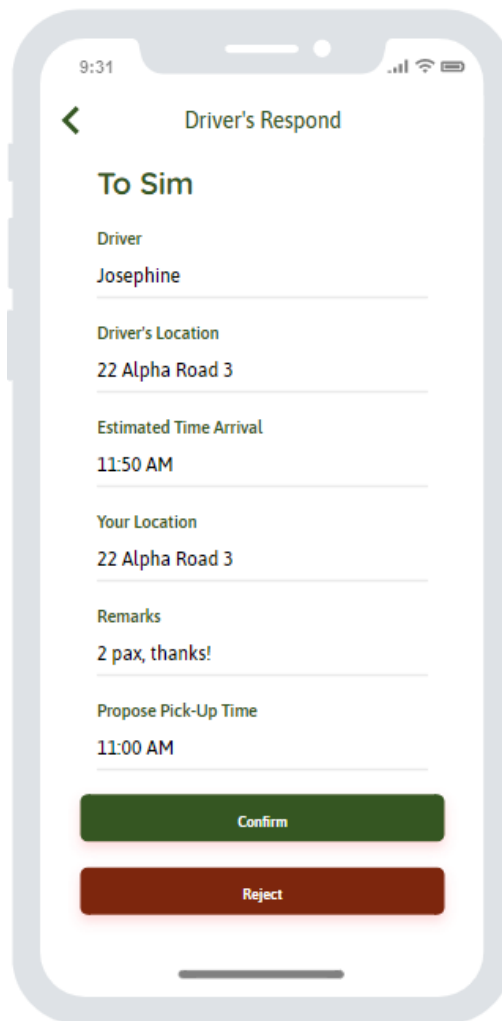


Figure 14: Rider viewing the driver's response to their request

After a driver has responded to a rider's request with a pick-up time, the rider will receive the response from the driver. The rider can then view the proposed pick-up time and choose to either 'Confirm' or 'Reject' the driver's response. If the rider chooses to confirm, the booking will be made, else it is cancelled.

Activity - View Upcoming / Past Trips

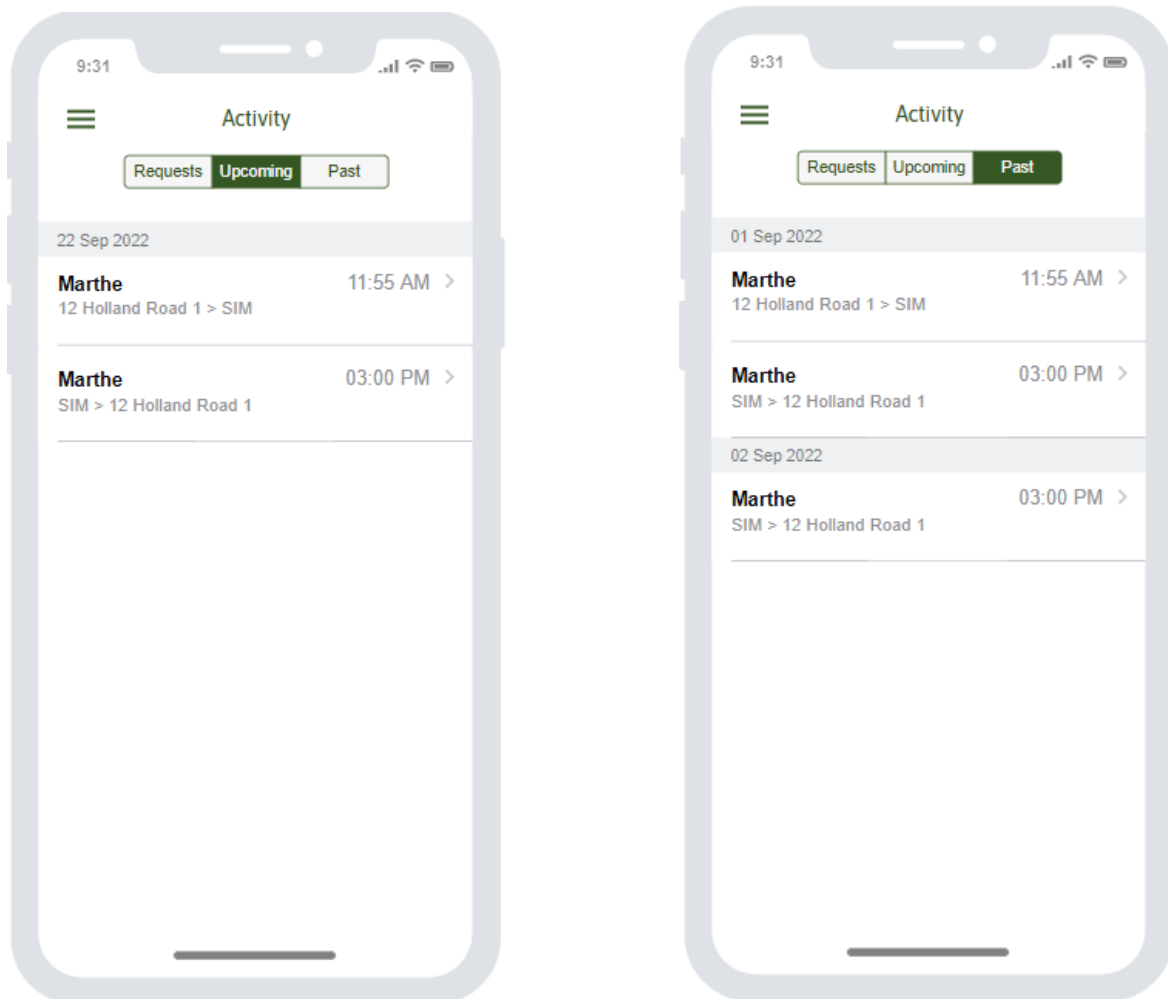


Figure 15 & 16: Viewing upcoming and past trips

Users are able to view their upcoming and past trips in the Activity page. There are tabs on the page for the user to navigate between Requests, Upcoming Trips (Figure 15), and Past Trips (Figure 16). The page will display an overview of the list of trips, and the user can select a trip to view further details of the trip.

View Receipts

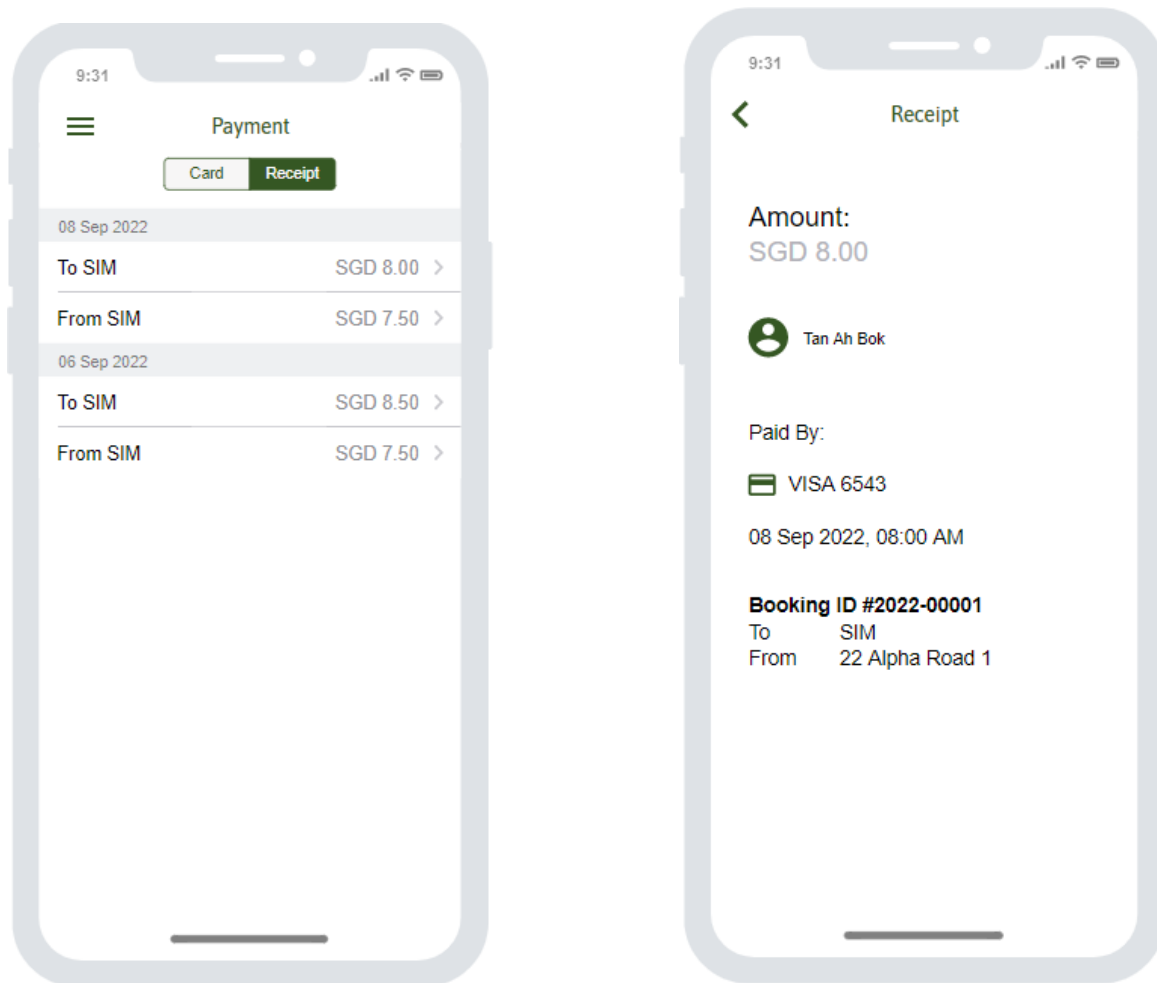


Figure 17 & 18: Viewing receipts

Users are able to view their receipts from past trips on the Payment page. They can navigate to the 'Receipt' tab where they will be shown an overview of all their receipts (Figure 17), grouped by date. Selecting a receipt will bring the user to a page (Figure 18) where the full details of the receipt is displayed.

5 Contact Information

The link to our project website: <https://skupool.wixsite.com/skupool>

Our contact email can be found in the website under the **Contact us** tab.