

Documentation

By

Joey Williamson

An assignment submitted in partial fulfilment of the requirements

For the course CPTR490 Information Science Advance Project

Instructor: Mr. Ricardo Thompson

Date: 13/12/2020

Department of Natural and Applied Science

Northern Caribbean University

# Work Plan

Excel documentation.

## Requirement gathering

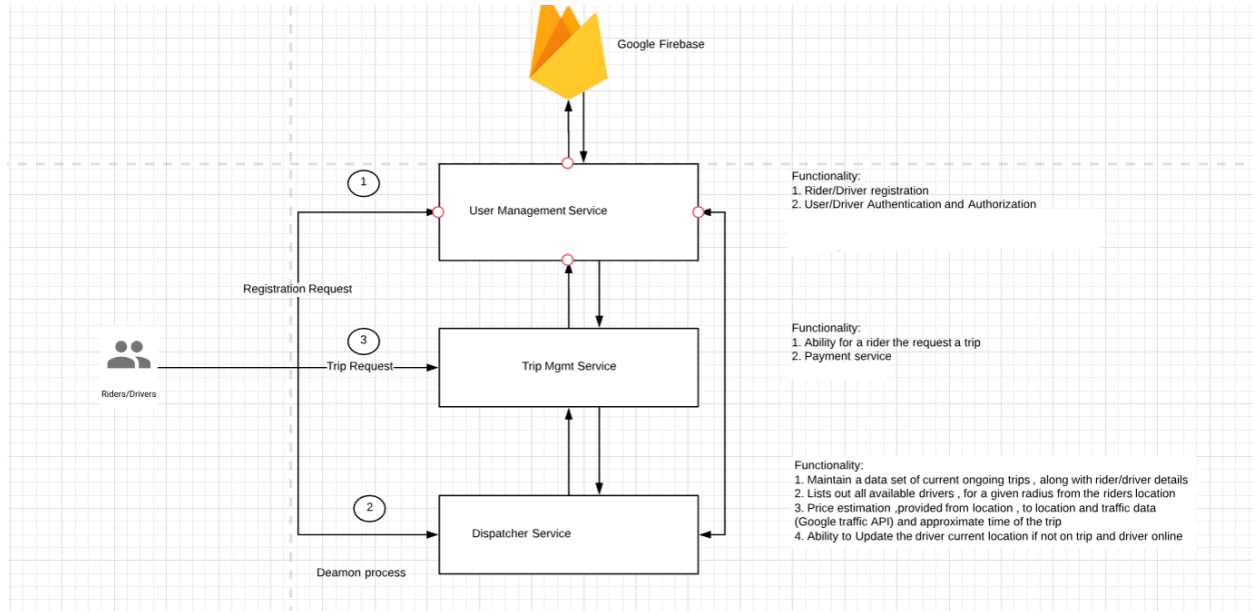
### Functional

Function	Requirements
Mobile Registration Screen	All users will be able to register an account with the app.
Mobile Login Screen	All users will be able to login to their account.
Panic Button	When click, it will send an alert to security company.
Book Lodging Screen	All user will be able to view the available rooms up for rent, they will be able to make lodging request from here to the host.
Host Listing Screen	This will be where the host will be able to publish a room they have available on the app for others to see it.
Booking Gigs	All user will be able to view the available offer gigs up for rent, they will be able to book someone offering that gig they want.
Gigs Sign Up Screen	This will be where a person will be able to publish a gig or services they offering, either a host at a party or dj for a party.
Homepage	User will be able to choose from a listing of services offer on the app.
Search bars	Passenger should be able to search for destination,
popups	The popups for the passenger will be a loading icon which indicate the app is searching for the closest driver, for the driver the popup will be the passenger making a ride request, driver will be able to accept or decline. Same concept will be for renting a room, only different the user will be able to choose where they want to stay.

### Non-functional

Non function	Requirements
Passenger Screen	This screen should be responsive and always showing the map.
Driver Screen	This screen should be responsive and always showing the map.
Homepage	This screen should be responsive.

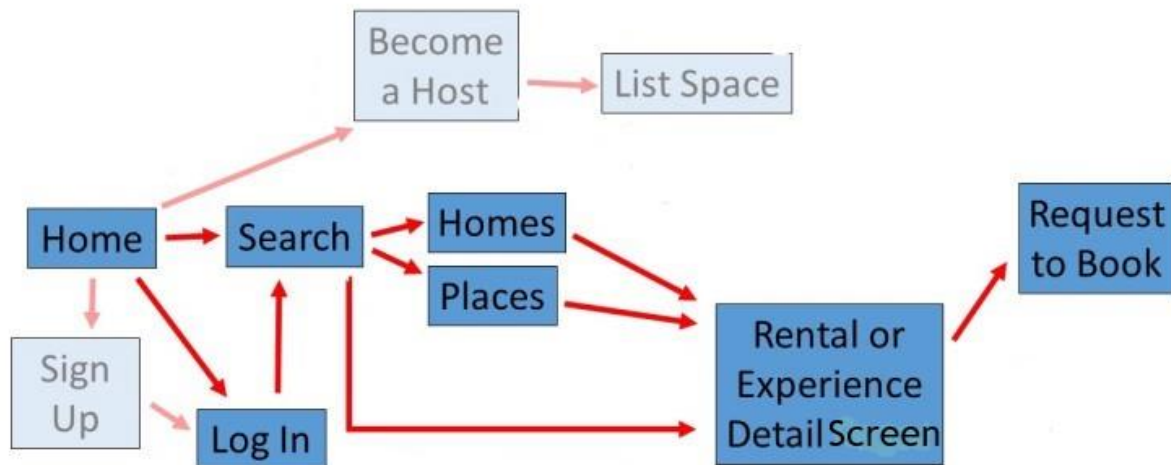
## Rideshare architecture



## Rideshare schema

<https://drive.google.com/file/d/1O317ewyNh-eRj3-R6mapa2Fili-M9lS2/view?usp=sharing>

## Booking a room architecture



## Booking a room Schema

[https://drive.google.com/file/d/1tJ\\_Q980IIHGpfx7xHoGngF3mJu5dbpXV/view?usp=sharing](https://drive.google.com/file/d/1tJ_Q980IIHGpfx7xHoGngF3mJu5dbpXV/view?usp=sharing)

## User Manual

### Rider/Client Registration

Enter email and password to create a new account

### Driver Registration

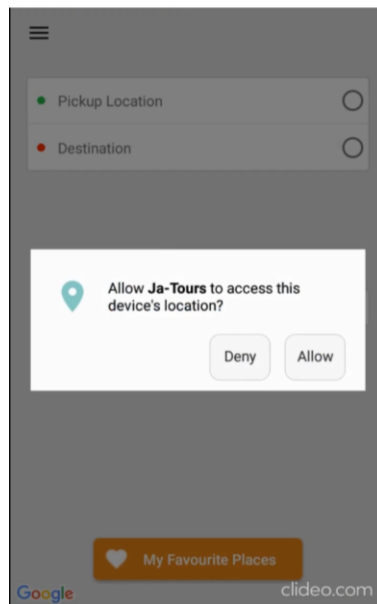
Enter email and password to create a new account

### Host Registration

Enter email and password to create a new account

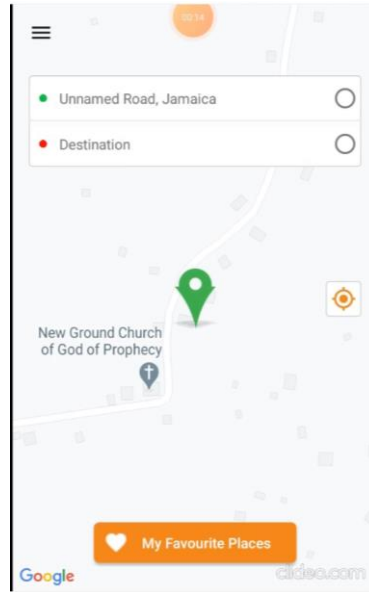
### Popup permission to accept location

Allow app to know position, without permission, rideshare aspect won't function properly.

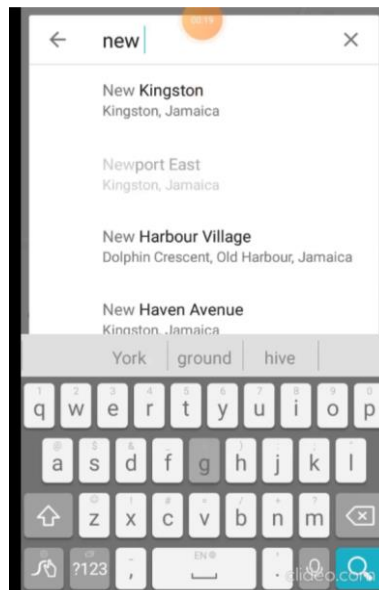


### Passenger side of rideshare

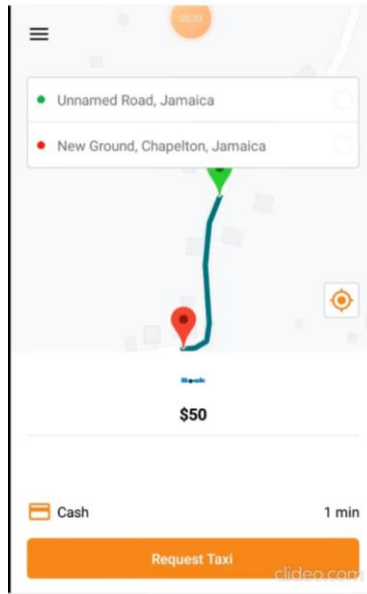
Two search bar will be at the top of the page, the app will automatically zoom on your location, to enter your pickup location, simple tap the top search bar or click the radio button next to the search bar for your location to automatically enter in to the search bar. The same can be done for the destination.



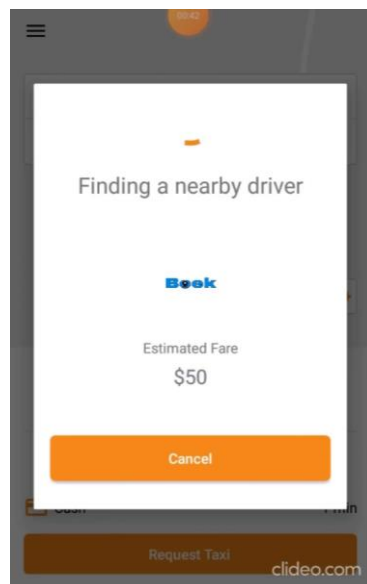
While entering your destination, the app will automatically display a lists of locations, simple choose your destination.



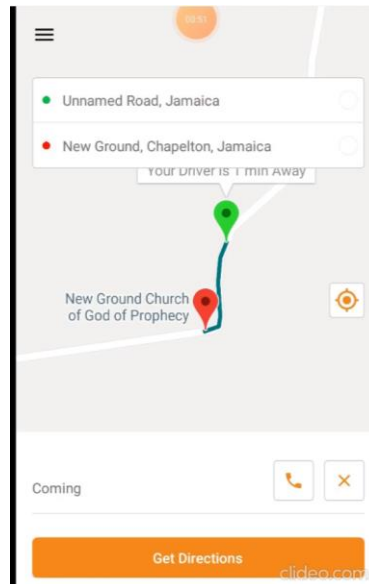
After choosing destination the destination will be drawn on the map. Red icon will be the destination and green I con will be pickup location. A widget will popup showcasing the fare price and a button stating request taxi. Also presented will be the payment type and the duration time of the trip.



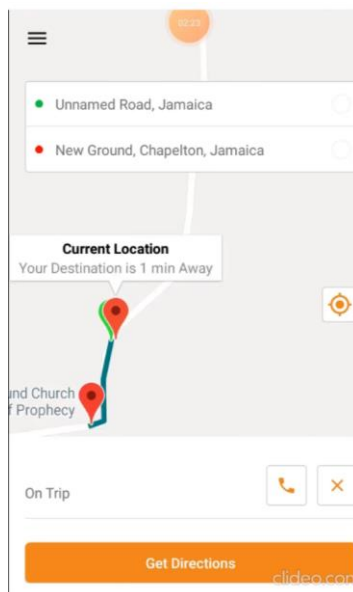
Click on request taxi, this will then popup another widget state “finding nearby driver” along with a cancel button to cancel trip. Simple wait until a nearby driver accept your request.



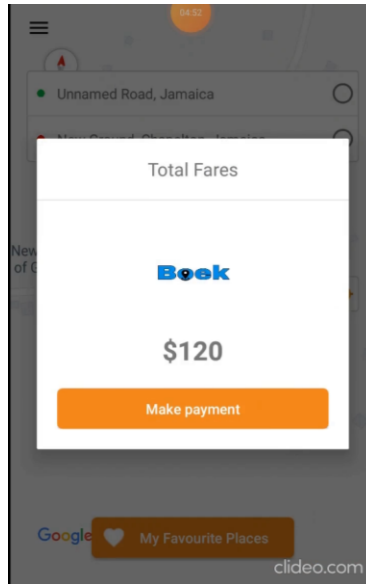
If driver accept trip, then there will be another widget popup stating that a driver is on the way, will also have two buttons, one to call the driver, and the other to close the widget.



When driver arrive, driver will call to notify you that they have arrive, the status on the widget will change from coming to on trip, this mean your journey will begin, you can track your movement on the map.



When you have arrive at your destination, another widget will popup stating to make payment, simple click on payment to pay driver. The app will then reset itself.



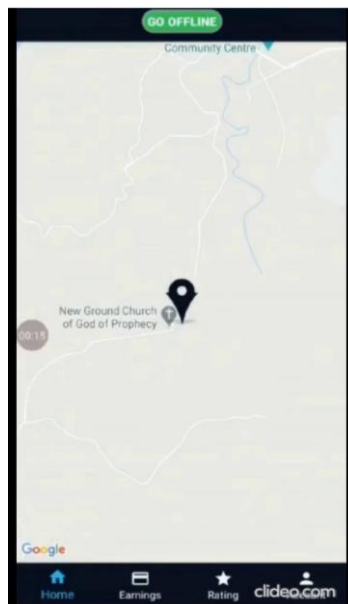
## Driver side of rideshare

Upon logging in, a map will pop up with a button stating “go online”. Click on this button to go online.

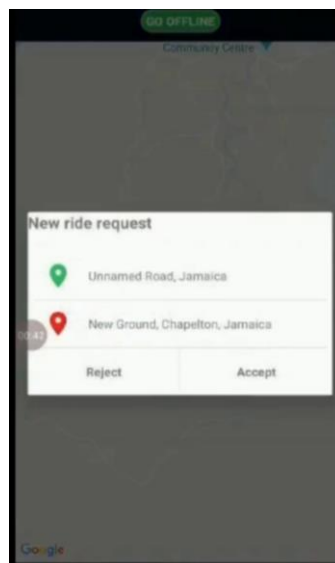




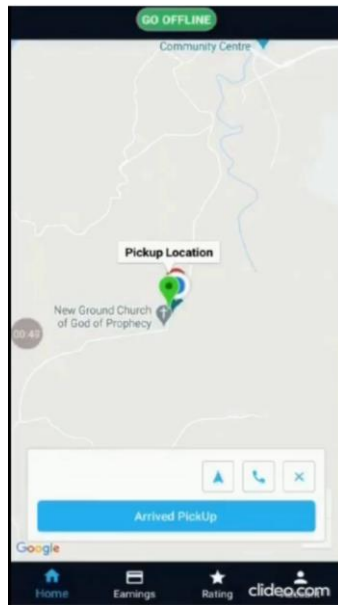
After this, the app will then zero in on your location, clicking go online will make you available for ride requests, simple wait for a request. The button will change to go offline. This will simple do the opposite of go online.



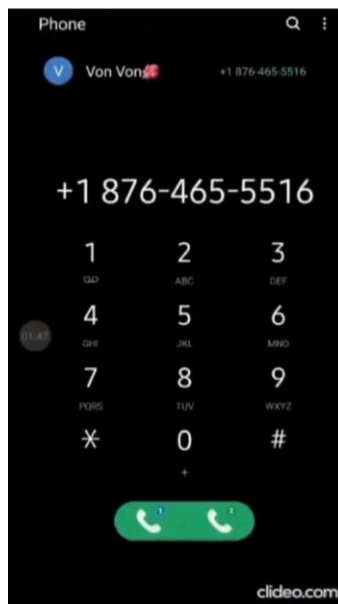
When a trip request come in, it will notify you with a signal, and a widget will popup, this widget will have the trip information along with two button to accept or decline the trip, if you wish to accept the trip, click on accept, if not click reject.



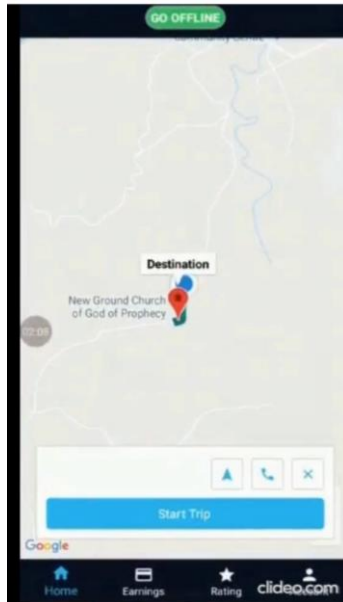
Next the map will popup showing the direction to the passenger, this will drawn on the map, red icon will be your location and green will the passenger location. The widget that pop up will also showcasing a button that you should click when you arrive at the passenger location. This will also have some other button, one to call the passenger and the other to close the widget.



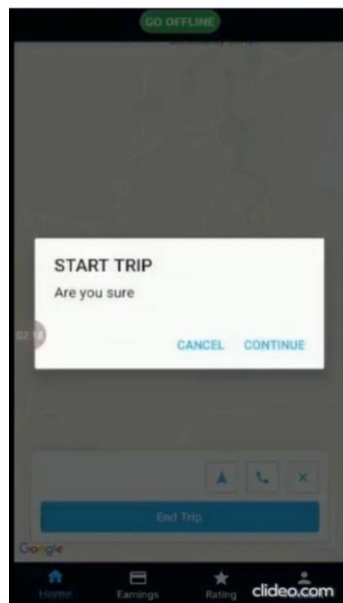
When you arrive at the passenger location, click on arrived picked up and notify the passenger by call that you have arrive.



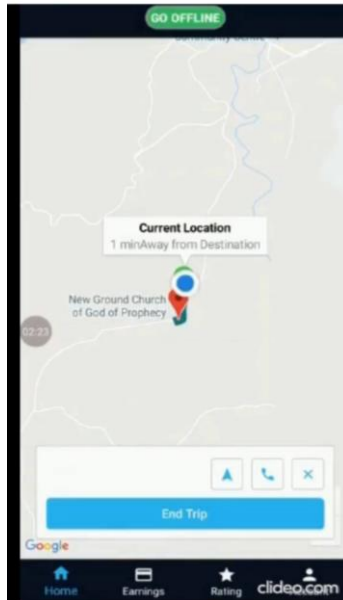
After this a new widget will pop up with a button stating “start trip”



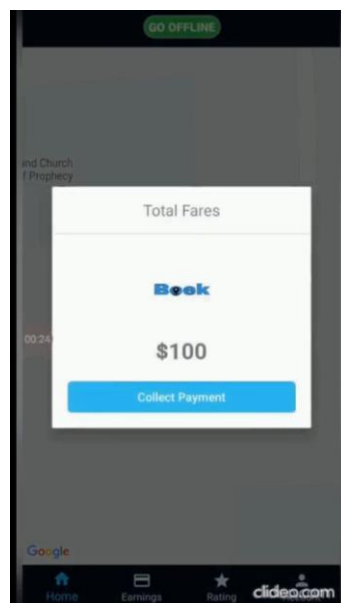
After clicking the start trip button, a new widget will popup stating “are you sure” can either continue or cancel.



After clicking on continue the app again will draw the new destination on the map with a widget with a button stating, end trip, and continue on your journey, your location will be updated on the map.

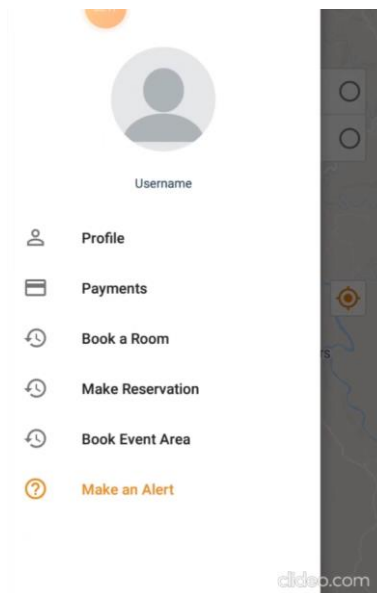


When arrive at destination, click on end trip, this will then pop up another widget stating collect fare, collect the fare and the app will reset itself allowing you to be available for another ride request.



## Book a room/special area Client side

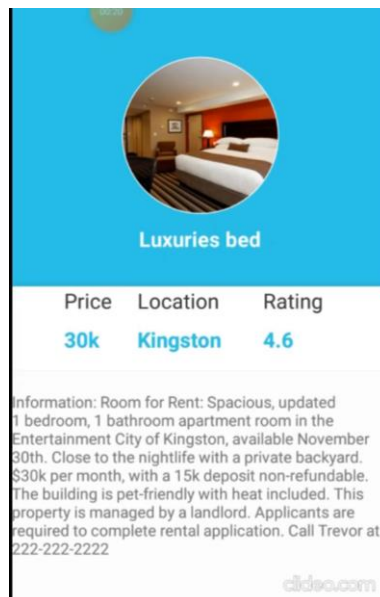
After logging you will be greeted with the map, to book a room/ special area,  
Simple click on the menu icon in the left top corner of the screen. This will display the menu  
where you can book a room/special area.



Choose the service you're looking for, book a room and book an event area will be the same process, after click on the service you desire, a list of available rooms will popup. This will display the information's about the available rooms/special area. Click on the desire room.



After clicking on the desire room, this will then take you to the screen where you will see more information about that specific room/special are, on that screen you can further book the room/special area.



If you desire the room, then you will be able to make a request to book the room, the host will have to be the one to accept your request, if host accept the request then your booking will be complete.

## Hosting a room/special area Host side

Upon logging onto your profile, you will be greeted with a form to list the space you want to put up for renting, inside the form, the two option will be to host room or special area.

Hosting a room- this is simple hosting a room at a hotel or at your home.

Hosting a special- this simple host an area where a special event can be hosted, example your back yard for a wedding reception.

Upon hosting you will be required to make a payment for making your hosting be visible to guest.

## Accepting A request

After hosting the room/special area, you simple wait for a request,

When a client do make a request, there will be a signal and a popup with two button, accept or decline request.

If you accept the request, you will be provided with the client phone number to make further references.

Demo videos link

<https://jjwilly24.github.io/myportfolio/project1.html>

github link

<https://github.com/jjwilly24/Boek.git>