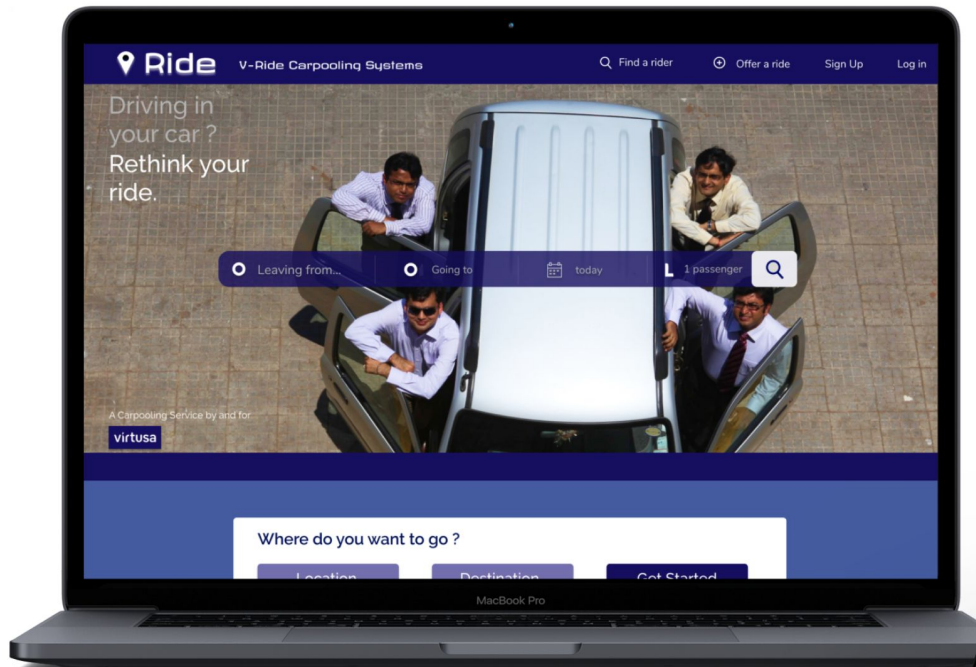


# Introducing V-Ride Carpool System

A Carpool service  
By **Virtusa**



A Case Study by :  
Joyant Waldia & Nabeel Khan

# Problem Statement

To create a comprehensive app system for providing car-pooling services to the user/employee of the company. This will reduce/replace the manual work which includes contacting each other who wants to provide or the one who wants to ride it.

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The main objective to solve is to build a service that provides seamless experience to the user by enabling for both web and mobile apps to improve the customer base and further enhance the experience.



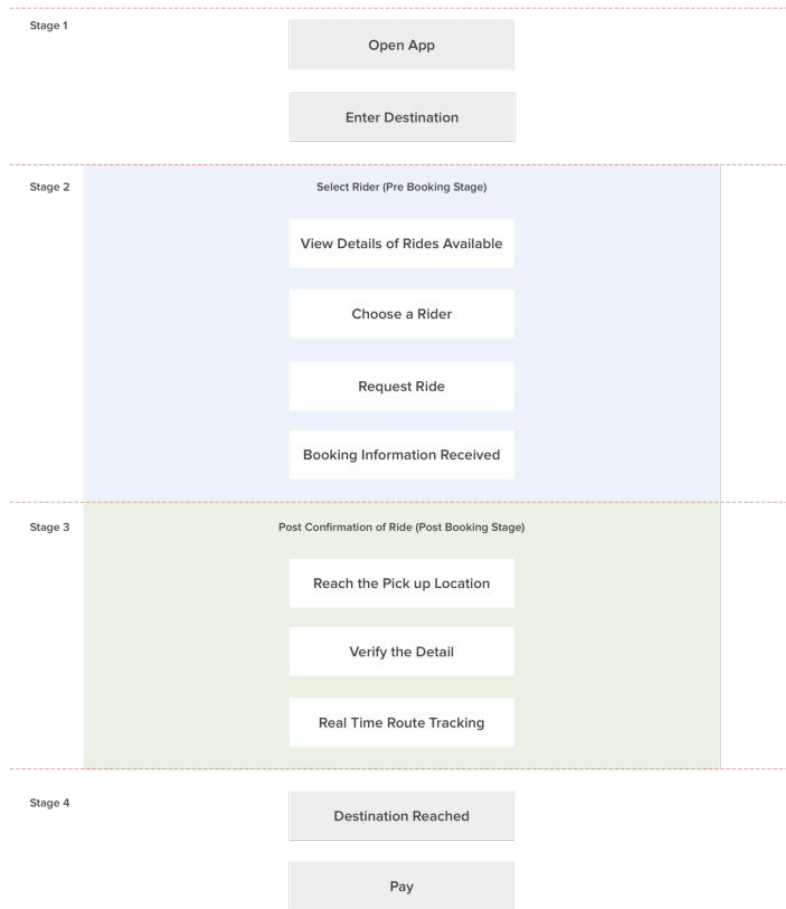
# User Flow of Rider

**Stage 1:** First look, user is excited to go further and check as much as possible about the experience. At this stage, we should be as informative as we can so he quickly proceeds to the pre booking stage.

**Stage 2:** Pre Booking Stage, User might be a bit anxious, cautious and might make some mistake at times. He is very careful which rider he selects and the price he has to pay. As a designer, it's our responsibility to be as informative and useful as possible at this stage.

**Stage 3:** Post Booking Stage, User has a mix bag of feelings. He is excited but is also cautious at the same time. It's our responsibility to build a strong trust and guide the user if he makes any mistakes.

**Stage 4:** Ride Completion, user will be very excited and might want to share the experience. It's our job to manage everything for him properly.



# User Flow of Provider

1. Open VRide and tap Sign up as a Provider.
2. Tap Offer a ride.
3. Set the From and To points of your ride.
4. Set the date and time.
5. Tap Offer ride.
6. Edit your ride offer at any time by opening VRide and tapping Carpool. If your plans change, cancel the ride in advance so the rider can join another carpool.



# Why we also need a Mobile App?

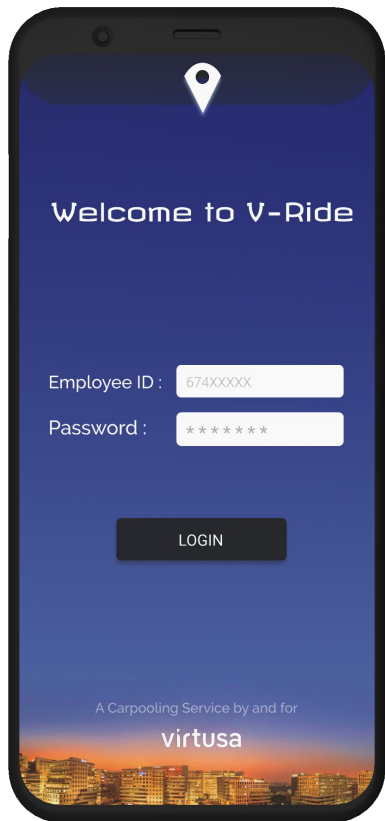
Travelers are often nowhere near a desktop computer when they are researching transport options.

They could be stood at a train station after finding out that the travel options they hoped to find there aren't available. Or they might be sat in a bar planning a social trip with friends.

From researching potential journeys, comparing prices and managing trips to reading or writing reviews and splitting fares; everything can be managed via the mobile app.



# Login



Mockup of the Login screen. It features a dark blue background with a cityscape at the bottom. At the top, there is a location pin icon. The text "Welcome to V-Ride" is centered. Below it, there are two input fields: "Employee ID :" with the value "674XXXXX" and "Password :" with the value "\*\*\*\*\*". A "LOGIN" button is centered below the fields. At the bottom, it says "A Carpooling Service by and for virtusa".

Welcome to V-Ride

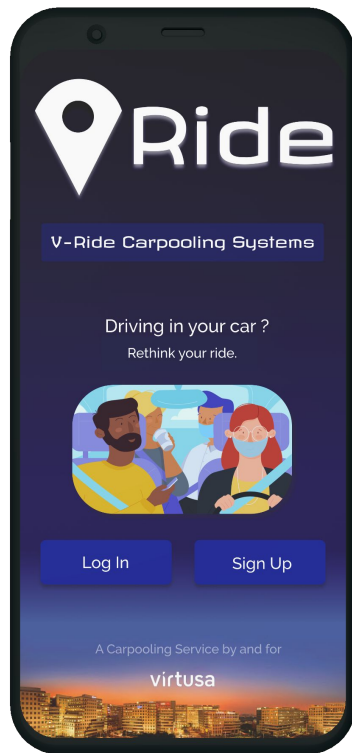
Employee ID : 674XXXXX

Password : \*\*\*\*\*

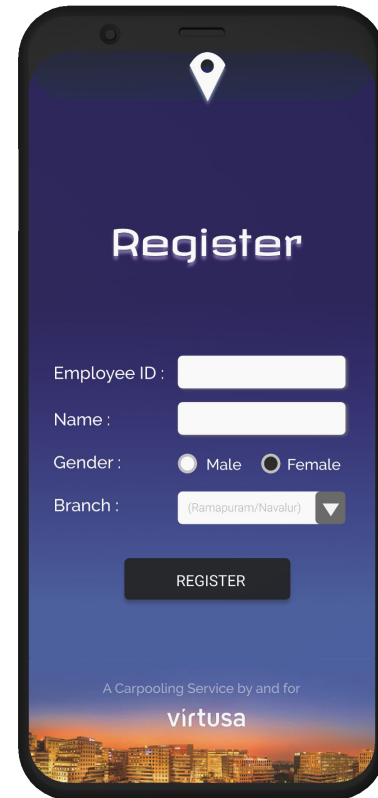
LOGIN

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# Splash Screen



# Register



Mockup of the Register screen. It features a dark blue background with a cityscape at the bottom. At the top, there is a location pin icon. The text "Register" is centered. Below it, there are three input fields: "Employee ID :", "Name :", and "Gender :". The "Gender :" field has radio buttons for "Male" and "Female". Below that, there is a "Branch :" field with a dropdown menu showing "(Ramapuram/Navalur)". A "REGISTER" button is centered below the fields. At the bottom, it says "A Carpooling Service by and for virtusa".

Register

Employee ID :

Name :

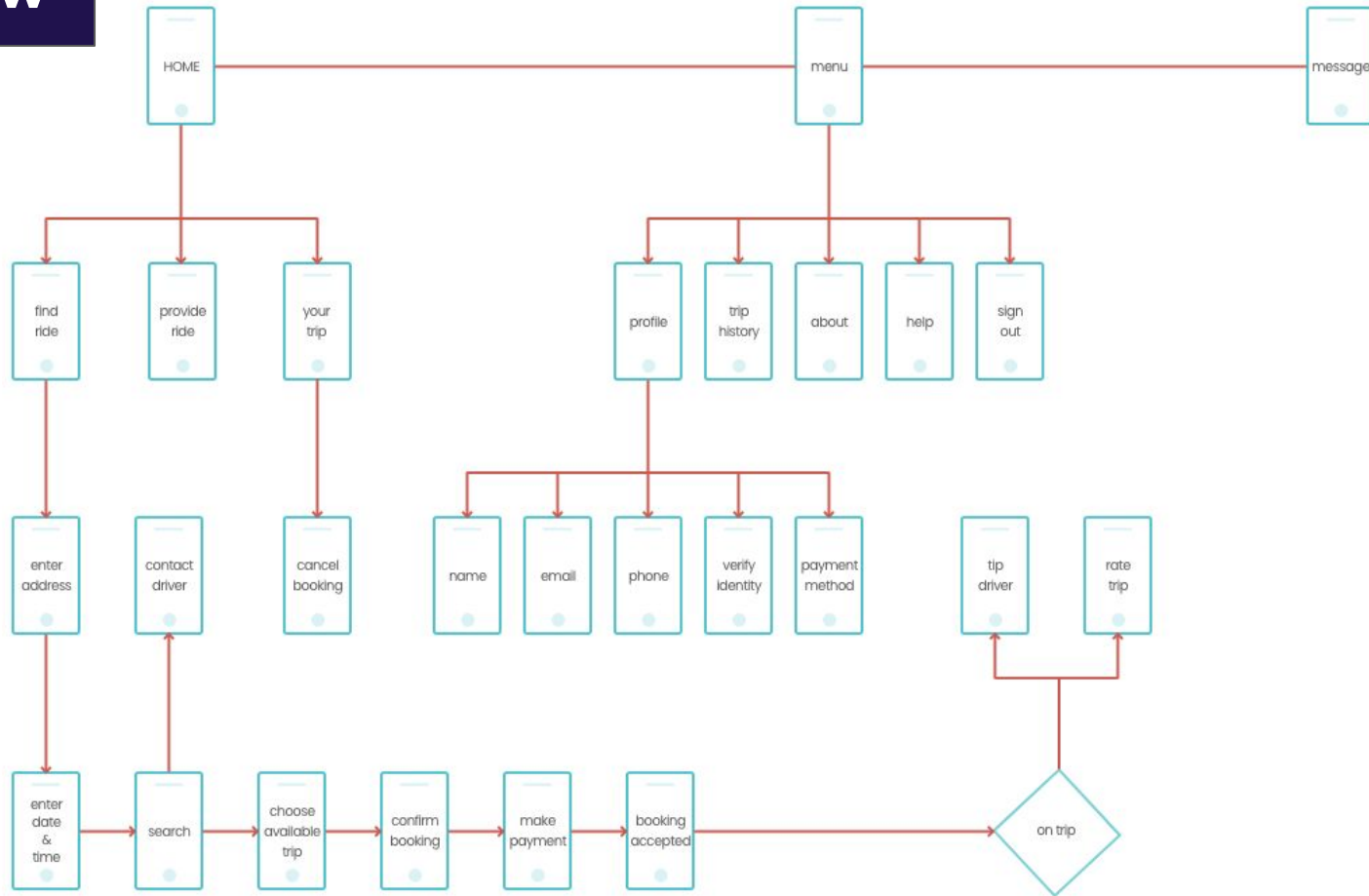
Gender : ☐ Male ☐ Female

Branch : (Ramapuram/Navalur) ▼

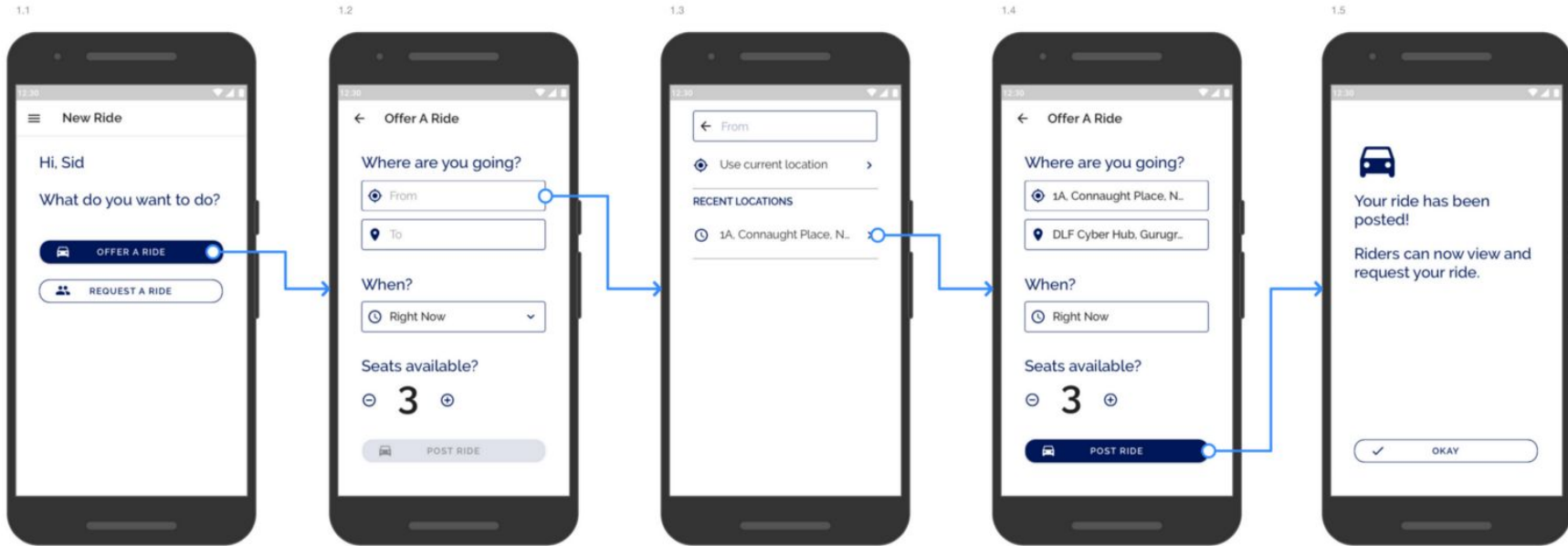
REGISTER

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# User Flow



# Provider Side of App







## Recommendations :

**Free Calls:** We should provide passengers employee with a feature to connect with drivers for free. These small features can matters. There should be a feature through which rider will call and it should forward my call to the provider who is supposed to pick me up and vice-versa. Each trip will require just 1 to 2 calls on average. It's not too much to ask. And it will be more secure for both of them. System will not display their mobile number to each other.

**Driver Rating:** It can be a thing, so as to provide a clarity for the rider and increase overall empathy between the rider and the provider..

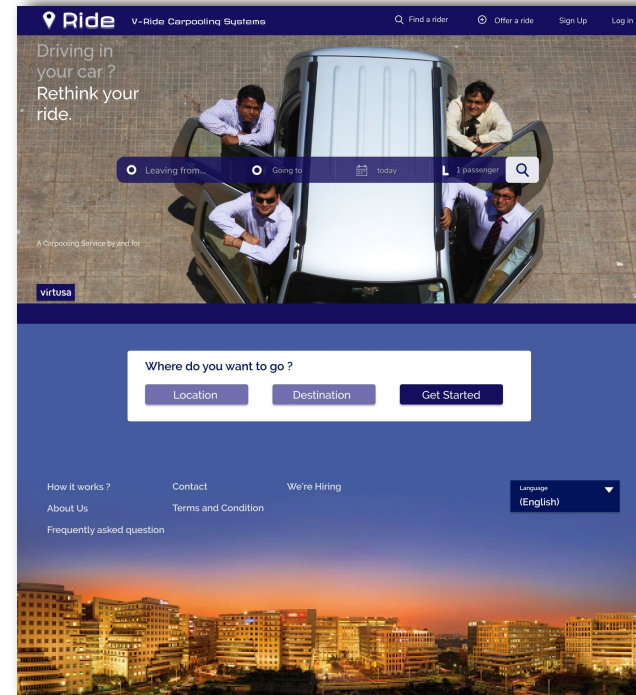
**Consistent Price:** Maintain consistent pricing for customer for a specific distance of ride.

**Chat Messages:** Chat functionality should be there to notify the other user if someone is unable to connect via phone call. Also groups can be made that can help regular commuters for communicating with each other, so that they can easily get what they want.

**Share Live Location:** User should be able to share their live location with their contacts to let them know where they are.

# Summary and Future Aspects

1. The Desktop version of the same app can also be made and here is the Web-based Interface we came up with, further development is ongoing currently will be updated soon with the github repository we have been working upon.
2. The part that still needed to be covered is to figure out the payment gateway for the service. A wallet feature can be added with the app that can be synced with the employee credit system.
3. Also the tracking system is to be built where we can know the exact location of our ride and manage our schedule accordingly.



Thanks for reading



To be continued....

#NOEMPTYSEATS