**Business Case Understanding (Business Requirements Document)**

**Company name: Virtusa TTT**

**Project name : Car Pooling ( VRide)**

**Executive summary**

A carpooling service could be a cheap solution for people to travel to work. Owning a car can be expensive due to costs such as fuel, insurance, service, parking and repairs. People who don't drive generally use public transport and taxis as their primary method of transportation. Creating this Webapp will provide another transport choice for people travelling. Any member from the Virtusa can register before offer-Ride or as a passenger. This WebApp can enable Virtusa people to come to office in areas without access to public transport. Such web application could develop into a profitable service and could contribute to the creation of a new market. This app is being developed as a cheap alternate service to facilitate the needs of Virtusian. In this V-carpooling any virtusan who own a car can offer to share his/her car. And any other virtusan who wants to use this service can search for journey through this portal. After finding a match they will contact and carry out their journey as planned

**Functional Requirements:**

* The app should show the destinations and routes available, so passengers will be able to book a destination.
* display the other passengers who are going to be sharing the journey with them. The make, size and model of each car should be displayed on the app.
* Users should be able to view the offers profile before they choose to join the trip.
* After they select a XXXX a user will get a notification through to their account to• notify them that the XXXX is heading to their pickup destination.
* XXXX could register as a carpool offerer online and post their car details such as licence plates, make, model and size of car.
* After the customer views the driver and views the other people sharing the trip or journey, the app will show the time the driver will arrive.
* XXXX will need to be able to view the passengers who are requesting to share the journey, and the driver will have option to approve or reject the passengers.
* Every time a passenger requests a trip or journey from a driver, the passengers profile should display to the driver.
* While they drive to the destination, a web mapping service like Google Maps will be open, to prevent XXXX from getting lost. Users will be able to pay for the journeys through their accounts on the app.
* At the end of the journey the app should provide the passenger with an opportunity to rate the driver.
* If the XXXX receives a good review this will help the XXXX attract more passengers. The app could also display how much fuel was used throughout each carpool journey. This will show the drivers how much fuel they saved or KM covered while carpooling.
* To make CarPoolMe user friendly, there should be instructions displayed on the app for users to create an account. A website will provide additional information and allow users to login and view and edit their details.

Test cases

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| Test Case No |  |  |  |
| 1 | Login / Registration with form validation |  |  |
| 2 | View or search the App without registering an account |  |  |
| 3 | Search/request destinations through the app |  |  |
| 4 | View the drivers profile before getting into a car |  |  |
| 5 | View the vacant seats left in a car |  |  |
| 6 | View other passengers before entering the car |  |  |
| 7 | View the time it will take for the car to arrive |  |  |
| 8 | Link the app up to social media sites such as Facebook or any entertainment site |  |  |
| 9 | Receive receipts and notifications |  |  |
| 10 | View passengers before journey |  |  |
| 11 | Book journeys in advance such as for 2 days ahead |  |  |
| 12 | To view a GPS tracking calendar and reminder notifications |  |  |
| 13 | View contact information |  |  |
| 14 | Book return journeys |  |  |

