Travel Companion

3.Functional Requirements

3.1)Create Trip

When an authenticated user logs in from their account or when a person signs up they get an option to create a new trip .The user has to select:

* the vehicle type
* the number of passengers for the journey
* the date of the journey
* the source
* the destination.

This function is initiated after login/signup after the user selects the create trip option from the user window.

The user that creates a new trip becomes the trip admin for the trip.

3.2)Request for join

When the user logs in , he/she is directed to the user window wherein if he chooses the option for ‘request for join’ , he gets a detailed view of the existing cabs for the trips that other users have already created.

3.2.1-The user can then send a request to join an existing trip to the trip admin.

3.2.2-The user can sort the search for the existing cabs by the source, destination or the date of travel.

3.3)Request Response

The user window initiates another function i.e. the request response which has two primary sub-requirements:

3.3.1-For a trip that the user acts as an admin, the user can accept or decline the requests for other users based on their details.

3.3.2-For a trip that the user has requested , the status (accepted/pending/declined) can be viewed by the user.

3.4)Contact sharing

The users can view the contact details of the admin and vice-versa if the contact sharing option is enabled by the users for a certain trip or for everyone.

3.5)Confirmation Message

The user gets notified if his cab is cab request gets confirmed .The confirmation is through email and sms to the email address and the contact number provided respectively.