**VolunteeRide**

1. **Description**

**VolunteeRide** is an application which enables users to easily seek rides to specific location as well as volunteer giving rides to Ride Seekers.

1. **Goal**

Goal of this project is to develop a mobile web application which will help its end users to quickly find rides to specific locations with quick responses from Volunteers.

1. **Use Cases**
   1. **Phase I:**
      1. **Registration**
         1. User has the ability to register as a Ride Seeker
            1. At the time of registration, Ride Seeker can specify details about himself, Mosque he belongs to.
         2. User has the ability to register as a Volunteer
            1. At the time of registration, Volunteer can specify details about himself, his car, total occupancy, Mosque he belongs to.
      2. Ability to login to the app.
      3. Ride Seeker can request a Ride.
      4. He needs to specify the details about the ride like time when it is needed, source location and destination location. All these fields can be a pick list to enable users to pick values.
      5. Some default source and destination locations will be seeded in the system.
      6. At this point, the status of the ride will be “ ride requested”.
      7. An email notification will be send to all the available volunteers when Ride Seeker requests a ride.
      8. Volunteers can view the list of Ride seekers from the app.
      9. They can accept the request of a Ride Seeker. Volunteer needs to specify the ETA for pick up.
      10. At this point, the status of the ride will be “ ride request accepted”.
      11. Once volunteer accepts the ride request, the ride seeker will get an email notification that his ride request has been accepted.
      12. The Ride seeker needs to acknowledge the ride request acceptance at which time the ride will be set for the ride seeker.
      13. At this point, the status of the ride will be “ ride approved”
      14. Once the ride is set, the availability status of the specific volunteer will change to busy state.
      15. At this point, ride seeker can see the details of the ride as well as details of the volunteer coming to pick him up.
      16. The Ride seeker will need to wait for a volunteer to accept his ride request. He will be able to see the ride state on the app.
      17. Once the ride is complete, system can change the state of volunteer to “available”.
      18. Also system will change the state of ride to “ride completed.”
      19. At any point, both the volunteer and Ride Seeker can cancel the ride.
      20. At this point, email notification should be send to other party that the ride has been cancelled, along with a short reason.
      21. The system will change the state of the ride to “ride cancelled”.
      22. In the event of ride cancellation, system will change his state from “busy” to “available”.
      23. Ability for app to scale across different Mosque locations.
      24. Volunteer belonging to a specific location should not see ride requests from users belonging to different location.
   2. **Phase II:**
      1. View list of available volunteers.
      2. Volunteers can view list of users to whom ride is currently being provided.
      3. Receive no Volunteer available Notification. Ride seeker can specify wait time for getting rides. Once the wait time is over, and the ride request is not responded, the ride state changes from “ride requested” to “ride not available”. At this point, user can make his own arrangements or request for ride once again.
      4. app can have a functionality to calculate the ETA by using both user’s current location. App can keep updating the distance and time in a real time fashion.
      5. Ability to pick multiple people at same time.
      6. The web app can have an interface wherein Volunteers will have access to the list of users to which ride is currently provided.
      7. Ability of admin to configure Destination locations.
      8. Ability of admin to configure Source locations.
      9. In the event that no Volunteer is available to give rides, the user should be able to get a list of transportation options he can use to get to his destination. For example, list of Cab drivers information, or Bus information.
      10. User A can also get an idea about the time it will take for different modes of transportation. For example, walking might take 40 min, car might take 10 min and bus might take 20 min.
      11. All users can see the list of available volunteers.
      12. A volunteer can chat with other volunteer.
      13. A Ride Seeker can add Volunteer to favorites list.
      14. See Volunteers car on google map.
      15. Ability to switch Volunteers
      16. No Show percentage indicator for Volunteer and Ride Requester..
      17. Ability to suggest Volunteers to group rides based on location.
      18. Ability to search ride requests based on location.
      19. Volunteer Broadcast message for available seats based on location.