VEHICLE RECOMMENDATION SYSTEM

Group 12 Members:

1. Shivang Dalal - 170101086
2. Soumik Paul - 170101066
3. Ashish Fugare - 170101023
4. Shashank Sharma - 170101088
5. Autonu Kro - 160101017
6. Vimuri Sahitya - 170101077

## 30/01/19 ~12:15 PM

### AIM: Creating a general outline of the project

1. Everyone present for the meeting
2. Contributions –

* Shivang – Short distance cab using generic hotspots in map - Charges for major hotspots in – city (paltanbazar, etc.), airport, railway station. [estimated]
* Soumik - Short distance cabs, Inclusion of Emergency Contacts (nearby hospitals and police stations)
  + Info required –> Name, Ph. No, Car Model, Number plate, Fare
* Ashish – E-rickshaws using map
* Shashank – E-rickshaws, using map
* Autonu – Long distance cabs, fare sorted low to high
* Sahithya – Bus Entered/Exited campus

## 31/01/19 ~12:30 PM

### AIM: Distribution of work

1. Everyone present for the meeting
2. Contributions –
   * + Shivang – Short Distance Cabs
     + Soumik – Short Distance Cabs, Keep records on log file
     + Ashish – E-rickshaws, Emergency Contacts
     + Shashank – E-rickshaws
     + Autonu – Long Distance cabs
     + Sahithya – Campus Bus services

## 01/02/19 ~09:30 PM

### AIM: Database Management

1. Everyone present for the meeting
2. Contributions –

* Shivang – Finalizing MS Access. Learning and Discussing various aspects of MS Access
* Soumik – Table Fields required: First Name, Last Name, Ph. No, Car Model, Car Number Plate, Current location. Log file.
* Ashish – Tables required for E-rickshaws using map, ph. no
* Shashank – Table required for E-rickshaws, using map, List of all present e-Rickshaws in campus
* Autonu – Making tables for Long distance cabs. Displaying in Data Grid View
* Sahithya -Making an Access database for bus timings

## 02/02/19 ~12:30 PM

### AIM: Continuation of work and error check

1. Everyone present for the meeting
2. Contributions –

* Shivang – Linked MS Access. Made tables. Output in Data Grid with no filter
* Soumik – Implemented Map. Transferred data from one form to another. Log file.
* Ashish – Implemented map with radio buttons for major hotspots
* Shashank – Implemented map of campus and accessible places for e-rickshaws
* Autonu – Implemented basic form taking user Input of Location ‘To’/’Destination
* ’ and giving the necessary cabs as output.

-Cabs displayed from lowest price to high

* Sahithya – Making UI for users taking user inputs.

## 04/02/19 ~09:30 PM

### AIM: Finalizing each Sub-sections

1. Everyone present for the meeting
2. Contributions –

* Shivang – Implementing distance for 3 hotspots distributed across the city and printing Estimated Fares for each driver.
* Soumik – Final UI for map. Dynamic allocation of output on Form. Log file.
* Ashish – Finalizing UI, learning to connect database to project.
* Shashank – Taking User input via radio buttons on map located on major stops on campus
* Autonu – Implemented Search for cabs, printing details and fares according to preferred locations of drivers.
* Sahithya – Displaying Bus records, Bus time, bus number, pickup points according to user inputs.

## 05/02/19 ~12:30 PM

### AIM: Evaluation of Milestone 2, Discussion on further improvements, Error elimination

1. Everyone present
2. Contributions –

* Shivang – Coordinating everyone’s project. Database management for bus services.
* Soumik – Managing data across different forms. Dynamic allocation of radio buttons for user to select driver of choice.
* Ashish – Database accessing problems encountered. Made changes to DB
* Shashank – Database accessing problems encountered. Made changes to DB
* Autonu –Debugging in long distance form. Travel trip destination recommendation for users (discussion)
* Sahithya – DB changes to fit output requirements.

## 07/02/19 ~01:00 PM – 5:40PM

1. Everyone present
2. Contributions –

* Shivang – Starting working on the recommendation algorithm. Helped in bugs of other components.
* Soumik – Finished work on Short Distance Cabs and started working on GUI.
* Shashank & Ashish – Made a DB control class for universal usage in every sub-component.
* Autonu –Started working on Driver Confirmation for long distance.
* Sahithya – Pruned the data of bus for duplicated and processed the data.

## 09/02/19 ~09:00 PM – 12:00AM

Everyone present

Contributions –

* Shivang – Finished work on Recommendation system, made a table for users and started work on login and signup.
* Soumik – Started working on GUI of all the Forms, helped in Long distance cab booking.
* Shashank & Ashish – Improved the UI for the driver recommendation form. Displayed one recommended driver instead of a list of them on the top.
* Autonu – Finalized work on Long Distance cabs, and worked on booking.
* Sahithya – Worked on displaying the intermediate stops between pickup and drop

## 10/02/19 ~02:00 PM – 11:00PM

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Everyone present

Contributions –

* Shivang –Helped with backend of user profile page and cab booking page.
* Soumik – Made the form for User Details, Made a Bookings table.
* Shashank & Ashish – Made the dist. array for storing distance between groups of locations. Recommended driver in increasing order of distance from user
* Autonu – Helped in debugging Project and gave inputs to different modules.
* Sahithya – Helped in Debugging Project and GUI Improvements

## 11/02/19 ~02:00 PM – 6:00PM ~ 9:00 PM – 11:00 PM

Everyone present

Contributions –

* Shivang – Integrated all the components, debugged the project, minor fixes. Worked on documentation.
* Soumik – Finished making the User Guide and GUI, Worked on documentation, integrated Emergency contacts form.
* Shashank – Made changes to the bus timings form. Now displays a column for the no of intermediate stops in between. Removed locations with no buses from the dataset. Fixed a bug regarding bus recommendation in the form. Prepared documentation for E-rickshaw
* Ashish -Making Documentation of long distance and improving code of long distance
* Autonu – Finished Documentation and commenting for Long Distance
* Sahithya – Finished Documentation and inline Commenting for Bus timings.