

CS325 - Project 4.1

-Project Proposal-

Group:Early Birds

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- Concept

We are designing a web application that coordinates carpooling among 5 college students. Usually, students have to deal with splitting price for gas and driver's effort. Also, when a driver has to deal with a large number of passengers, each of the others' different destinations inconvenience the driver's good deed for a pittance. In order to solve these problems, we will design a UI for a carpooling web application with features such as payment options, destination filter(city unit) that helps users to find/provide rides quickly and with less hassle.

- Application

The proposed application is a carpooling platform that connects users with similar travel routes within a similar date/time window. The application can be used for scheduled or random one-time trips. Users can find members that have similar origin destination through a search engine. A rating feature for the app can be potentially added to improve the overall individual experience and level of trust with the application. Users can also share their location and their planned carpool trip before the trip with their friends or families through social media. The payment among the parties involved in the carpool trip can either be done in person or through venmo based on the agreements of the parties using the application. This application is intended to improve coordination between students (passengers and drivers), and provide a safe and convenient ride sharing experience.

- Target Demographic

Our application is primarily targeting five college students, particularly those who use the Facebook rideshare group. The user of this application has to be verified with a five-college email in order to prevent issues such as safety, untimely payments, and last minute cancellations. Our application will provide an efficient layout that could help users to find/provide a ride easily.

- Data Acquisition / Testing Access

There are two active facebook pages with a purpose similar to Rideshare. We will track the postings which are being traded quickly. We will also analyze them by price and pick-up location/destination with the collected the data. Finally, we will recruit subjects to test our application from these groups as well as other fellow students from the 5 colleges.

- Work Distribution

To devise this project, we all met together and collaborated/discussed together. Our 4 people in the group wrote each section of this proposal purpose and did peer review to adjust.