TagMeIn

Project Summary:

Imagine you are planning to travel to Chicago, but Peoria Charter tickets are booked. Also, you want to shop at your local grocery store, which takes an hour by bus. No worries! How about an application that shows all the people near your vicinity traveling to the same destination or running the same errand? That is where **TagMeIn** comes into the picture.

This project aims to create a platform where students (ride seekers) can find people (car owners) who are traveling to the same place (destination) where they want to go and carpool. Feel free to share your travel history with your friends and family, and do not hesitate to choose any of your favorite rides. TagMeIn can help students with their grocery shopping, traveling to major cities together for conferences, paper presentations, airport transfers, etc.

Description:

We have noticed that UIUC students planning to travel to nearby cities (like Chicago) or some local stores like Walmart, Target, and Bombay Market are posting in WhatsApp groups asking for other people they can potentially tag along with. We have also seen shop vendors (like Bombay Market) offering pickup and drop-off services for students who want to purchase groceries from their stores. However, to avail of this, the students must call the vendor and pre-book a date. We observed that too much offline work was being done and wanted to build a web application to automate the same and make it available for the entire UIUC student pool.

Usefulness:

We feel that this application is beneficial for students, especially those without vehicles. In scenarios where a student wants to travel to a nearby place or store and does not have a vehicle, he/she can use our platform to tag along with someone who owns a vehicle and is traveling at the same time/on the same day. In addition to this, shop vendors can use this application to offer pickup and drop-off services for students who want to purchase from their stores. This way, it becomes convenient for the students to run errands and help the vendor increase customers. So far in UIUC (Urbana and Champaign), we have not encountered any applications that do carpool for the purpose we want to serve.

Realness:

We are relying on the data given by the users of the application.
There are different categories of user and travel data.

1. User details include name, contact details, and address.
2. For owners, car details include car name, type, registration number, color, and the number of seats.
3. Travel information
     a. Car owners: Source, Destination, Time, Date, number of seats offered, two modes - round trip, single trip.
     b. Ride seekers: Source, Destination, Time, Date, number of seats needed.
4. Ratings and Reviews of the owners.
5. Upcoming ride details for both owners and seekers.
6. Alerts and notifications data.

Functionalities:

1. Ride seekers can post ride requests.
2. Car owners can post ride offers with the type of car and the number of seats available. They can also post future rides in advance.
3. Ride seekers can find car owners traveling to the same destination (Intercity/ Intracity).
4. Alert both owners and seekers when there is a match.
5. Users can schedule routes at a specific time.
6. Seekers can choose the number of seats needed.
7. Seekers can add ratings for the Owners.
8. Owners can give their preferred pickup location, and seekers can tag along.

Mockup UI:

Slide link: **TheBoys - Mocked UI**

Project work distribution:

- Ride seekers can post ride requests. - Deepak
- Car owners can post ride offers with the type of car and the number of seats available. They can also post future rides in advance. - Saiharshith
- Ride seekers can find car owners traveling to the same destination (Intercity/ Intracity). - Pritham
- Alert both owners and seekers when there is a match. - Suraj

- Users can schedule routes at a specific time. - Deepak
- Seekers can choose the number of seats needed. - Saiharshith
- Seekers can add ratings for the Owners. - Pritham
- Owners can give their preferred pickup location, and seekers can tag along. - Suraj