

EXSPLITZ RIDE SHARE

October 19, 2016

OVERVIEW

1. Project Background and Description

Keeping in mind the daily expenses, transportation cost is very high. We compared the current ride-sharing apps like Uber & Lyft, but the cost is comparatively same as the taxi/cab. We got an idea of making real-time ridesharing (instant ridesharing) that arranges one-time shared rides on very short notice if a person who wants a ride is on the way or near to the person who is looking wants to give a ride and the destination is on the way. Basically, everyone who share the ride, they just split the fuel expenses.

2. Project Scope

Exsplitz will help people to travel to their desired location with a very low cost. Like carpooling, real-time ridesharing is promoted as a way to better utilize the empty seats in most passenger cars, thus lowering fuel usage and transport costs. It can serve areas not covered by a public transit system and act as a transit feeder service. Ridesharing is also capable of serving one-time trips, not only recurrent commute trips or scheduled trips.

3. Deliverables

Exsplitz aims to function efficiently in a real world scenario and also give maximum features available to the user. The core lies within the structuring of the app which mainly consists of elements like a user account, destination, rates, car-size, ride confirmation, real-time integrated maps and travel time. Exsplitz will allow two types of mode of transportation:

- Car
- Bike

Exsplitz will make use of three recent technological advances:

- GPS navigation devices to determine a driver's route and arrange the shared ride
- Smartphones for a traveler to request a ride from wherever they happen to be
- Social networks to establish trust and accountability between drivers and passengers

4. Requirements

- The client and user must be a registered member to host or get a ride
- Phone number must be verified in order to access the full service
- Profit percentage will be set according to the price quoted
- Payment must be done before the ride but will be on hold until the ride is completed

5. Implementation Plan

The end result will be a working app that will allow the user to book or host a ride. This will also be fruitful for the app developers as there will be a profit percentage for every ride and passenger. The user will be able to go from one place to another in an informal company and cost-effectively. The host will have an opportunity to earn extra money and travel at the same time.

6. Team

Name	Title	Student ID
Vishvajit Kher	Leader	101015270
Akash Chamaria	Team Member	101024951
Karan Acharya	Team Member	101026087
Chintan Zankat	Stake Holder / Advisor	N/A

APPROVAL AND AUTHORITY TO PROCEED

You approve the project as described above and authorize the team to proceed.

Approved by

Date

Approved by

Date