**Requirement Engineering Project**

**Team-A**

**Topic: Car Pooling**

**Project Members**

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**Introduction**

In our day life we say huge traffic on roads and many cars due to which we have high pollution. This leaded to demand of public transport and we can find so much rush in getting into those. When we consider students also as they are new to a place as they come to study would not afford much on paying on cabs as they are quite expensive and will find tough to get public transport. So, it is mainly a concept for students to get a ride sharing at a particular place like considering the university where they stay by using their student ID, just to overcome those hurdles. This is a solution to solve a problem for students who are facing issues in their transport.

**Purpose**

The main purpose is to provide a source for students to get rides or car pooling using a mobile application. The rides availability depends on the rides being posted in the application provided by other students to help the people who are in need of ride.

**Scope**

The main objective of this application is providing students a platform for solving an issue of not finding a transport to travel by knowing students who provide ride and students who want rides. The rides wanted by a student can be checked or posted if they need in application and can check the best deal who or which student is offering and can opt that particular ride and can go happily to his or her destination with a lower price as we can see different drivers posting different prices. This helps the rider to choose the best of it and even we can check previous ride rates too for that particular destination provided if any. The payment for the ride will be totally between the driver and rider. We even provide platform where they can share their views by commenting on a particular ride and how did they feel.

**Actors Involved**

* Administrator
* Student (rider)
* Student (driver)

**Existing Systems**

* Uber
* Lyft

**References**

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2. <https://www.ijarcsse.com/docs/papers/Volume_3/4_April2013/V3I3-0385.pdf>