ADVANCED SOFTWARE ENGINEERING

PROJECT PREPROPOSAL

- GROUP NUMBER: Team-2

- PROJECT TITLE: Ride it.. Share it! (Car Pooling System)

- GROUP MEMBERS:

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- PROJECT GOAL AND OBJECTIVES:

Motivation: The hassles faced by a person to travel in colossal cities by own transport make them annoying. Having a feasible car-pooling system in vicinity would make them solace. It also helps in pollution control, reduce traffic congestion and fuel usage.

Significance: This application enables the user to find the people going on the same way so that the commute can be shared. The trips are logged in the user's account to share the costs incurred.

Objectives: To develop a robust and reliable car-pooling application with cogent results and user-friendly methodologies, enabling them to find the pickup and drop points easily and also, to ensure the safety of the users with a brief background check.

System Features:

1. This application allows the users to register themselves either for ride sharing or car-sharing.
2. The user details like name, contact no., e-mail, address, start point and end point etc., are captured and used for further communication among the users.
3. The car-sharing users would update the details of their ride and wait for ride sharing users to contact them.
4. The ride sharing users can request for a car pool specifying the details of their route and location, which allows the car-sharing users to plan accordingly.
5. The users can also link other users about the rides.

- RELATED WORK:

1. International Journal of Advanced Research in Computer Science and Software Engineering
2. A Survey to Justify the Need for Carpooling

- BACKUP PROJECT:

  LOCATION ALARM

  The objective is to remind the user of a task at a particular location. We generally have different works at different places and we quite often tend to forget certain primitive things like groceries, take away from a certain restaurant, drop by a friend etc. Our app counters this problem. Basically it asks the user to enter any tasks at particular locations and takes its location and adds it to his account. Then we track the GPS of the user and if he is within a close proximity of any location that he has set up, the app sends a notification saying that he needs to carry on a certain task / work at that particular location.

- BIBLIOGRAPHY:

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