**Team 4 Project Charter**

**January 21, 2014**

**Project Title:** Purdue Ride Mapper

**Team Members:** Evan Arnold, Logan Gore, Stephen Hong, Steven Leewood, Isabel Lee Li, Timothy Thong

**Problem Statement:** A Purdue Ride-Board group exists on Facebook that students use to carpool together. Some students are trying to find a way home, while others are looking to take someone to help with gas. The Facebook group’s usage is complex, inconsistent, and requires manual monitoring of posts in order to find a ride. Some websites already exist for this type of software, but none are specifically for college students (and are therefore seen as shady to many students).

**Project Objectives:** This project will aim to create a web app where students can easily and intuitively request or share rides.

**Stakeholders:**

* *Users*: Students looking to request or share a ride with other students on campus in a more convenient and consistent way than is currently available
* *Customers*: The users of the software
* *Software Developers*: Evan Arnold, Logan Gore, Stephen Hong, Steven Leewood, Isabel Lee Li, Timothy Thong
* *Development Manager*: Project Coordinator for the team

**Project Deliverables:** To make the process of requesting or sharing a ride to or from campus for students, a web app with the following features will be created:

* Ability to request a ride to a given destination
* Ability to share a ride to a given destination
* Automatically suggest people you could get a ride with based on destination or route proximity
* Suggestion of how much to pay the driver based on current gas prices
* Email alert when a matching request/share is potentially found
* Utilization of Google Maps to help students visualize how far a person could take you or how far out of your way you’d have to drive to give someone a ride to their destination