IskUber

Carpooling App for UP Diliman

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Unique Reference:

The documents are stored in the IskUber GitHub Repository Link.
https://github.com/CrumbleThorn/IskUber

Document Purpose:

This document serves as the official Project Description Document for IskUber.

Target Audience:

This project is targeted for students of UP Diliman.

Revision Control:

Revision Date	*Person Responsible*	*Version Number*	*Modification*
09/05/17	Juan Gabriel Tamayo	1.0	Initial Document.
09/06/17	Luis Gabriel del Rosario	1.1	Added Project Description, Entities, Major inputs, Outputs, and Functionalities
09/06/17	Juan Gabriel Tamayo	1.11	Minor fixes
09/06/17	Juan Gabriel Tamayo	1.2	Added Context Diagram
09/06/17	Juan Gabriel Tamayo	1.21	Minor fixes

Project Title: IskUber - Carpooling App for UP Diliman

Description: This project connects willing drivers within UP diliman with people who need to get to places within the campus quicker. People who wish to register as “drivers” can input their routes and schedules. Potential passengers can input a destination, and the application will search for drivers going the same route. A list of potential drivers will be given to the passenger, as well as their respective contact details.

Context Diagram:

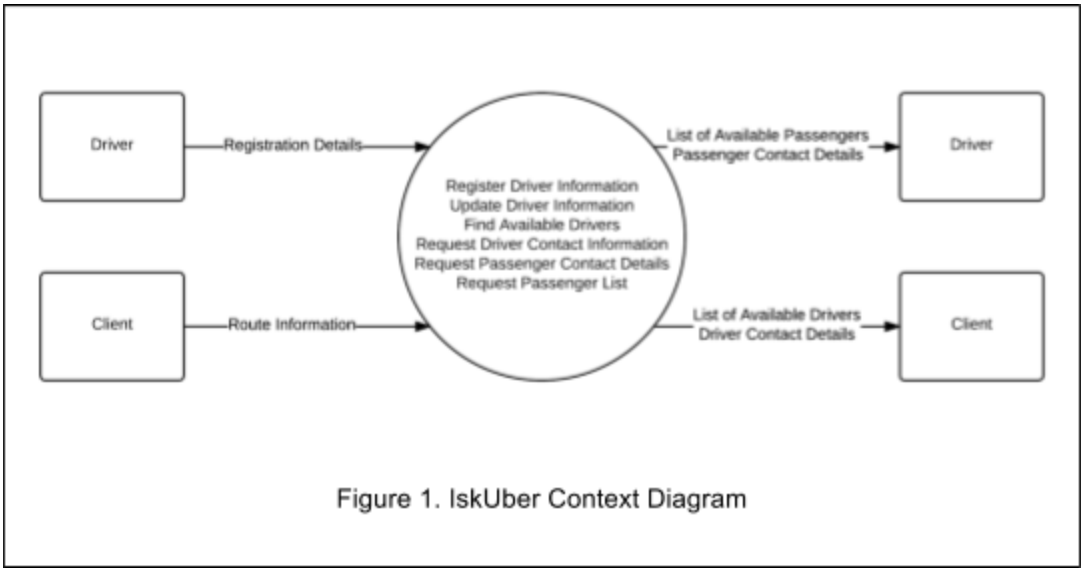

Figure 1. IskUber Context Diagram

Entities:

- Driver: a pre-registered entity with a name, schedule, routes and contact details. A list of passengers currently looking for a driver will be given to this entity.
- Passenger: an instantaneous entity with a name, source and destination. After searching, a list of potential drivers will be given to this entity.

Major Input:

- Driver route: the timeslots a driver will be in a certain building.
- Driver details: the driver’s name, vehicle description and contact number(s).
- Passenger details: the name and contact number(s) of the passenger.
- Passenger source: the building/general area the passenger will be coming from.
- Passenger destination: the building/general area the passenger will go to.

Major Outputs:

- Driver list: a list of potential drivers given to the passenger after searching.
- Passenger list: a list of passengers the driver may be able to bring.
- Contact Information: Contact details of the person requested (Driver/Passenger)

Major Functionalities:

- The passenger should be able to give their contact details and their source/destination.
- The passenger should receive a list of available drivers based on the source/destination given.
- The driver should be notified when a passenger is interested in carpooling with him/her