

Document Name: Release Plan

Product Name: Driving Track

Team Name: Drifting Coders

Release Name and Date: Driving Tracker/December 4, 2015

Revision Number and Date: 1.0/December 4, 2015

High level goals:

1. Create intuitive UI -- account (main) page that contains links to following pages, table to display log of user and friends' data, an event page to list all who are in the carpool, input page to record (for the inputter) or approve (rest of the group) the amount the driver has driven.
2. Run and update database to keep track of user's information -- amount driven / owed
3. Link UI and database so data can be displayed
4. Display a log of user and friends and the amount driven
5. Record how much the driver of the group has driven using time or miles and have everyone approve it
6. List those who are part of the carpool group and update their information on the database

Sprint 1: UI

User story 1: As a user, I would like a main page to see the overall functionality of the application, so that it would be easier to use. (5 pt)

User story 2: As a user, I would like to view a table that lists how much my friends and I have driven, so that I can easily see the distribution of driving. (5 pt)

User story 3: As a user, I would like to be able to create a log in screen, so that I can hold my personal information. (3pt)

Sprint 2: Database

User story 1: As a developer, I would like to have a running database, so that I can update information and pull information from to provide to the user. (21 pt)

User story 2: As a developer, I would like to link the UI and database, so that I can display information to the user. (8 pt)

Sprint 3:

User story 1: As a user, I would like to accurately record the amount driven, so that the log is as precise as it can be. (8pt)

User story 2: As a user, I would like to create an event so that I can organize carpool group. (8pt)

User story 3: As a user, after the event, I would like the log to be updated, so that I can immediately see that status of the log. (5 pt)

Product backlog:

Goals:

1. Have suggestions who should be the driver and how to organize carpool if more than one car is needed.
2. Add more information about the user -- Does the user have a car? How many seats does the user's car have?
3. Have a "Create Account" and "Sign In" Page
4. Include an add friend feature
5. Have rate driver and passenger feature
6. Strong security to prevent database manipulation
7. Be able to view which friends are within a proximity

User stories:

1. As a user, I would like to have driver suggestion if no one in the group volunteers to drive, so that time isn't wasted on deciding.
2. As a user, if more than one car is needed, I would like to have carpool groups organized, so that each group can figure their own plan -- when to depart.
3. As a developer, I would like to know more information about the user, such as does the user have a car or how many seats does the user's car have, so that I can suggest drivers and carpool groups.

4. As a developer, I would like to have a "Create Account" and "Sign in" page, so that I can keep track of all my users.
5. As a user, I would like to have my personal account, so that I keep track of my data.
6. As a user, I would like to be able to add friends to my account, so that I can easily add them to a carpool group and keep track of their driving or the amount they owe.
7. As a developer, I would like my user to rate their carpool experience, so that we can better organize carpool groups.
8. As a system administrator, I would like to connect the User Interface data with the database servers and have them update in real-time.