Project Release Plan

1 October 2015

TEAM CARPOOL TUNNEL : Slugging

MEMBERS:

Matthew Wang   April Mao   Kevin Jesse
Loren Yeung   Brian Wichers   Karney Tao

carpooltunnel-group@ucsc.edu

Introductions

April Mao

Email: almao@ucsc.edu

Major: Computer Science

Year: 4th year

Brian Wichers

Email: bwichers@ucsc.edu

Major: Computer Science

Year: 4

Internship Opportunities: Software Engineer in Test @ Surveymonkey

Karney Tao

Email: ktao@ucsc.edu

Major: Computer Science

Year: 4th

Kevin Jesse

Email: kjesse@ucsc.edu

Major: Computer Engineering, Computer Science

Year: 4

Focus of major study: Systems Programming

Internship Opportunities:

Cisco Systems - Sustaining and Feature Development teams on the Identity Service Engine
ThinkHR - Salesforce Force.com data and product interation using RESTful service framework

Loren Yeung

Email: lyeung@ucsc.edu

Major: Physics and Computer Science double major

Year: 5

Internship Opportunities:

Smith Research Group/NASA - High energy precipitation measurements from relativistic electrons due to the sun (BARREL program)
Carter Research Group - Luminescent Solar Concentrators and Fluorescent Dyes

Matthew Wang

Email: majwang@ucsc.edu

Major: Computer Science: Computer Game Design

Year: 4

Focus of major study: Game Design

Internship Opportunities:
-Working with ROVs at Deep Ocean Engineering
-Working on android word puzzle game with Flow State Media
-IT support intern at Laurel Industries

Why?

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- Lower emissions

- Carpool with ease

- Safer service

- Consistently scheduled rides

- Local

How?

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- Lessen emissions → Carpool

- Carpool with ease → Easy carpool arrangements in app

- Safer service → Members are only within the '@ucsc.edu' community

- Consistently scheduled rides →match up daily schedules with drivers

- Local →only within your city

Project Design - high level goals and user stories

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➢ Ridesharing, not a taxi service

➢ Drivers layout their weekly schedules

➢ Passengers build their weekly schedules

Sprint 1

HL goal: Completion of account setup and verification, viewing of routes, layout schedules

User story 1: As a passenger, I need to be able to view all carpool routes to choose the closest route.

User story 2: As a driver, I want to post my driving schedule for the week, so that other passengers can determine if they want to car-pool at the same times.

Sprint 2

HL goal:

User story 1:

User story 2:

Sprint 3

HL goal:

User story 1:

User story 2:

Thank you!