

## **Sprint 3 Plan**

### **Team Members:**

April Mao - almao@ucsc.edu

Brian Wichers - bwichers@ucsc.edu

Karney Tao - ktao@ucsc.edu

Kevin Jesse - kjesse@ucsc.edu

Loren Yeung - lyeung@ucsc.edu

Matthew Wang - majwang@ucsc.edu

Project (App) name: Slugging

Team name: Carpool Tunnel

### **Goal: High level goals**

- The ability for drivers to post schedules, view pickup locations, delete/accept carpool requests, and get/send notifications of carpool reminders to passengers.
- The ability for passengers to choose the closest route.
- The ability for users to be reminded of their rides/pickups so they don't forget and cancel requests.
- Decrease emissions by cars by encouraging carpooling

### **Task listing**

#### **OTHER:**

User Story 7: As a user, I want to be able to view a user documentation/manual so that I can understand how everything works.

Task 1 Description: (10hr) Create user manual/tutorial for the app.

Total for user story : 10 hours

#### **FOR ANDROID:**

User story 1: As a driver, I want to be able to view the status of the requesting passenger so that I can determine if I want to accept the request if the user is a good passenger.

Task 1 Description: (3 hr) Allow drivers to be able to see passenger profiles.

Total for user story : 3 hours

User story 2: As a user, I need to be able to rate other people so that their reputability is known to others.

Task 1 Description: (1hr) Add rating to ParseUser.

Task 2 Description: (4hr) Add rating system to user profiles.

Total for user story : 5 hours

User story 3: As a passenger I want to be able to see my driver's profile when selecting my route so that I can see their information.

Task 1 Description : (6 hr) Allow passenger to see driver profile.

Total for user story : 6 hours

User story 4: As a driver I want to send notifications to my passengers that I am leaving in x minutes so that my passengers are ready when I arrive.

Task 1 Description : (1hr) Add button to Driver MyRoute to send notification to Passengers of Route.

Total for user story : 1 hour

User story 5: As a tester, I need to run regression tests so that I can discover new software bugs.

Task 1 Description : (5hr) Come up with some tests and run them.

Total for user story : 5 hours

User story 6: As a user, I want a beautiful UI so the app is aesthetically pleasing.

Task 1 Description : (5hr) Come up with UI design ideas.

Task 2 Description : (15hr) Implement UI design ideas.

Total for user story : 20 hours

#### **FOR iOS:**

User story 1: As a driver, I want to be able to view the status of the requesting passenger so that I can determine if I want to accept the request if the user is a good passenger.

Task 1 Description: (3 hr) Allow drivers to be able to see passenger profiles.

Total for user story : 3 hours

User story 2: As a user, I need to be able to rate other people so that their reputability is known to others.

Task 1 Description: (1hr) Add rating to ParseUser.

Task 2 Description: (4hr) Add rating system to user profiles.

Total for user story : 5 hours

User story 3: As a passenger I want to be able to see my driver's profile when selecting my route so that I can see their information.

Task 1 Description : (6 hr) Allow passenger to see driver profile.

Total for user story : 6 hours

User story 4: As a driver I want to send notifications to my passengers that I am leaving in x minutes so that my passengers are ready when I arrive.

Task 1 Description : (1hr) Add button to Driver MyRoute to send notification to Passengers of Route.

Total for user story : 1 hour

User story 5: As a tester, I need to run regression tests so that I can discover new software bugs.

Task 1 Description : (5hr) Come up with some tests and run them.

Total for user story : 5 hours

User story 6: As a user, I want a beautiful UI so the app is aesthetically pleasing.

Task 1 Description : (5hr) Come up with UI design ideas.

Task 2 Description : (15hr) Implement UI design ideas.

Total for user story : 20 hours

User Story 8: As a driver, I want to be able to delete my route, so that I don't need to drive the same route every quarter/year

Task 1 Description: (20min) Create a delete button side by side each route entry

Task 2 Description: (1hr) Link button with database to delete from database

Task 3 Description: (40min) Confirm with notification that user wishes to delete route

Total for user story: 2 hours

User Story 9: As a driver, I want to post my driving schedule for the week, so that other passengers can determine if they want to carpool at the same times.

Task 1 Description: (5hr) Provide form to users in a clean fashion

Task 2 Description: (5hr) Submit button to insert into database

Task 3 Description: (5hr) Customize forms for days of week and times

Total for user story: 15 hours

User Story 10: As a passenger, I need to be able to view all carpool routes to choose the closest route.

Task 1 Description: (3hr) Query database for all routes in my area

Task 2 Description: (2hr) Display start and finish locations

Task 3 Description: (5hr) Draw route from the two points

Task 4 Description: (5hr) Be able to click on a start or finish pin to view more information, and apply for the route

Total for user story: 15 hours

User Story 11: As a driver, I want to send notification to my passengers, so that they know I've accepted their request.

Task 1 Description: (1.5hr) Link push notification buttons to function calls

Task 2 Description: (10min) Have functions reply with push notification, text only, to passengers

Task 3 Description: (20min) Implement backups for notifications

Total for user story: 2 hours

User Story 12: As a driver, I want to be notified when a passenger has requested to join my carpool, so that I can determine if I would like to accept them for my carpool.

Task 1 Description: (1hr) Create wish to join button for a route selected by passenger

Task 2 Description: (6hr) Link the button with a push notification to corresponding driver

Task 3 Description: (3hr) Determine when the push notification should appear, and backup notifications

Total for user story: 10 hours

User Story 13: As a user, I need to be able to cancel a request, so that the other person knows.

Task 1 Description: (2hr) Button on request notifications for decline

Task 2 Description: (2hr) Update database removing the request

Task 3 Description: (1hr) Notify sender of request in some way

Total for user story: 5 hours

User Story 14: As a driver, I want to send a reminder to my passengers asking if they want their ride today, so that I can avoid waiting for people that have a change of plans.

Task 1 Description: (20min) Send push notifications every morning at least 1 hour before first ride

Task 2 Description: (10min) Accept button to confirm ride for driver, nothing too important

Task 3 Description: (1.5hr) Decline button that must update the database of the driver to let them know no ride is needed

Total for user story 8: 2 hours

### **Team roles:**

April Mao - iOS Developer

Brian Wichers - Product Owner, iOS Developer

Karney Tao - Scrum Master, Android Developer

Kevin Jesse - iOS Developer

Loren Yeung - Android Developer

Matthew Wang - Android Developer

### **Initial task assignment**

April - As a driver I want to send notifications to my passengers that I am leaving in x minutes so that my passengers are ready when I arrive.(iOS)

Brian - As a user, I want a beautiful UI so the app is aesthetically pleasing.(iOS)

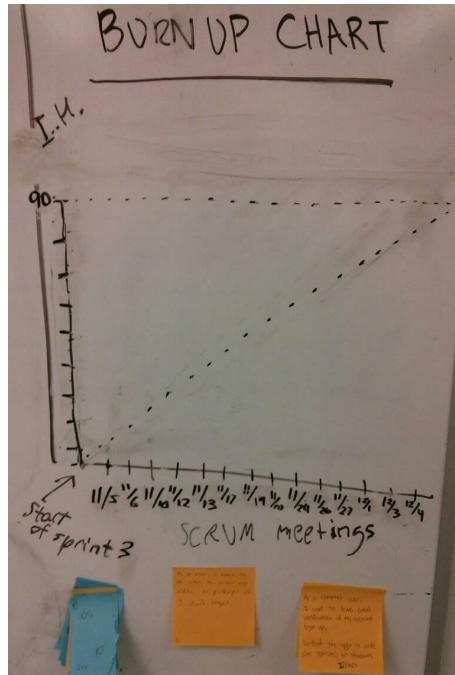
Karney -As a driver I want to send notifications to my passengers that I am leaving in x minutes so that my passengers are ready when I arrive.(Android)

Kevin - As a driver, I want to be able to view the status of the requesting passenger so that I can determine if I want to accept the request if the user is a good passenger.(iOS)

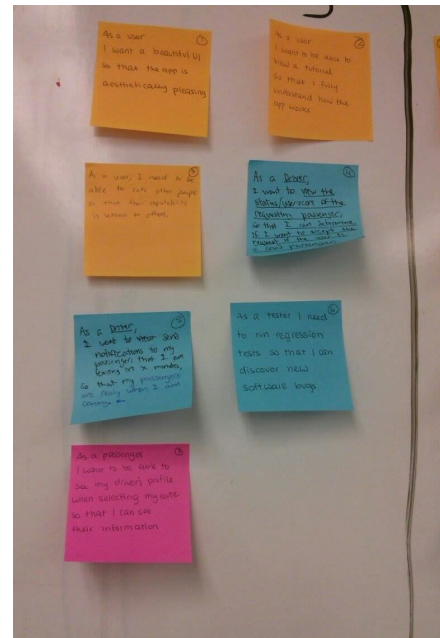
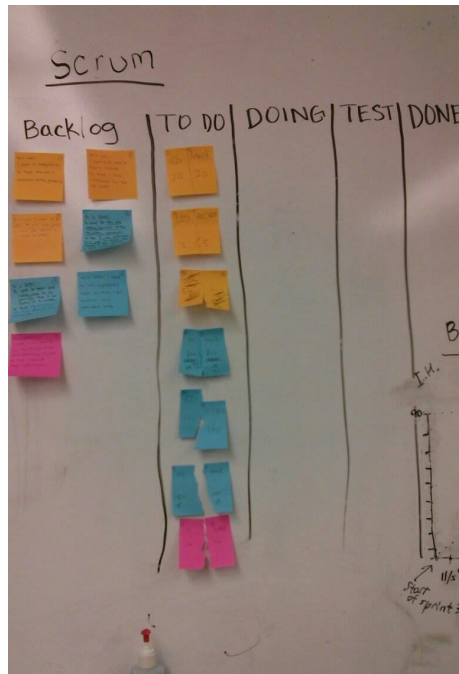
Loren - As a user, I want a beautiful UI so the app is aesthetically pleasing.(Android)

Matthew - As a driver, I want to be able to view the status of the requesting passenger so that I can determine if I want to accept the request if the user is a good passenger.(Android)

### Burnup chart



### Scrum board



### Scrum times:

(Meeting with ta) Tuesday 12:30 - 13:30

Thursday 12:30 - 13:30

Friday 13:00 - 14:00