

Sprint 2 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 10: As a user I want to be able to view user documentation so that i can understand how everything works.

Task 1 Description: (2hr) Write a draft for the user manual.

Total for user story 10: 2 hours

FOR ANDROID:

User Story 1: 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: (10min) Create a delete button side by side each route entry

Task 2 Description: (30min) Link button with database to delete from database

Task 3 Description: (20min) Confirm with notification that user wishes to delete route

Total for user story 1: 1 hours

User Story 2: 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 2: 10 hours

User Story 3: 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 3: 2 hours

User Story 4: As a driver, I want to be able to view the pickup location of my requesting passengers, so that I can determine if I want to accept the request.

Task 1 Description: (5hr) Passenger must be able to set with pin or address pickup location

Task 2 Description: (1hr) Update pickup location in database

Task 3 Description: (1hr) Button on push notification for driver's to view pickup location

Task 4 Description: (7hr) Query and display pickup for driver on button press

Task 5 Description: (16hr) Show in map view/text view address of pickup

Total for user story 4: 30 hours

User Story 5: 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: 5 hours

User Story 6: As a user, I need to be able to view my rides or pickups, so that I don't forget.

Task 1 Description: (2hr) Create tab on passenger/driver to view rides

Task 2 Description: (1hr) Update list views for each accordingly

Task 3 Description: (1hr) Transition from listview to individual view

Total for user story 6: 5 hours

User Story 7: 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

FOR iOS:

User Story 1: 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 1: 2 hours

User Story 2: 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 2: 10 hours

User Story 3: 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 3: 2 hours

User Story 4: As a driver, I want to be able to view the pickup location of my requesting passengers, so that I can determine if I want to accept the request.

Task 1 Description: (10hr) Passenger must be able to set with pin or address pickup location

Task 2 Description: (1hr) Update pickup location in database

Task 3 Description: (1hr) Button on push notification for driver's to view pickup location

Task 4 Description: (8hr) Query and display pickup for driver on button press

Task 5 Description: (20hr) Show in map view/text view address of pickup

Total for user story 4: 40 hours

User Story 5: 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: 5 hours

User Story 6: As a user, I need to be able to view my rides or pickups, so that I don't forget.

Task 1 Description: (2hr) Create tab on passenger/driver to view rides

Task 2 Description: (1hr) Update list views for each accordingly

Task 3 Description: (1hr) Transition from listview to individual view

Total for user story 6: 10 hours

User Story 7: 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

User Story 8: 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 1: 15 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 2: 15 hours

Team roles:

April Mao - iOS Developer

Brian Wichers - Product Owner, iOS Developer

Karney Tao - Android Developer

Kevin Jesse - Scrum Master, iOS Developer

Loren Yeung - Scrum Master, Android Developer

Matthew Wang - Android Developer

Initial task assignment

April Mao - Push Notification (iOS) - 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.

Brian Wichers - Route Viewer (iOS) - As a passenger, I need to be able to view all carpool routes to choose the closest route.

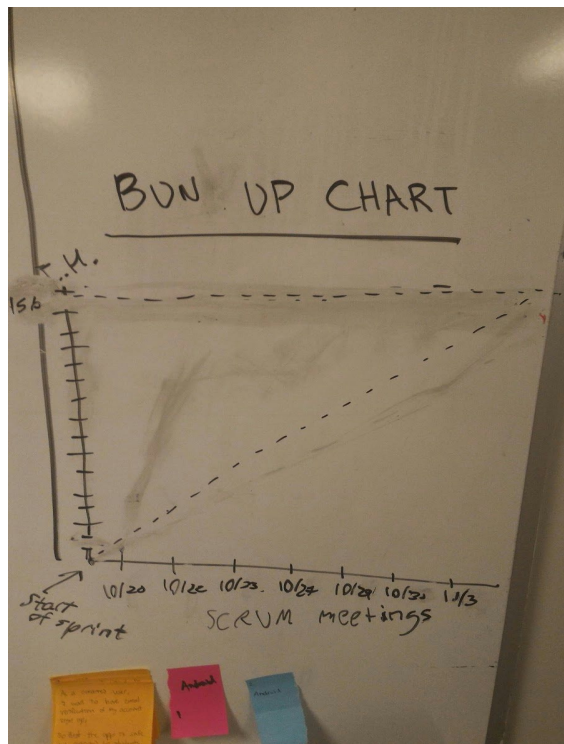
Karney Tao - Push Notification (Android) - As a user, I need to be able to cancel a request, so that the other person knows.

Kevin Jesse - Post Schedules (iOS) - 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.

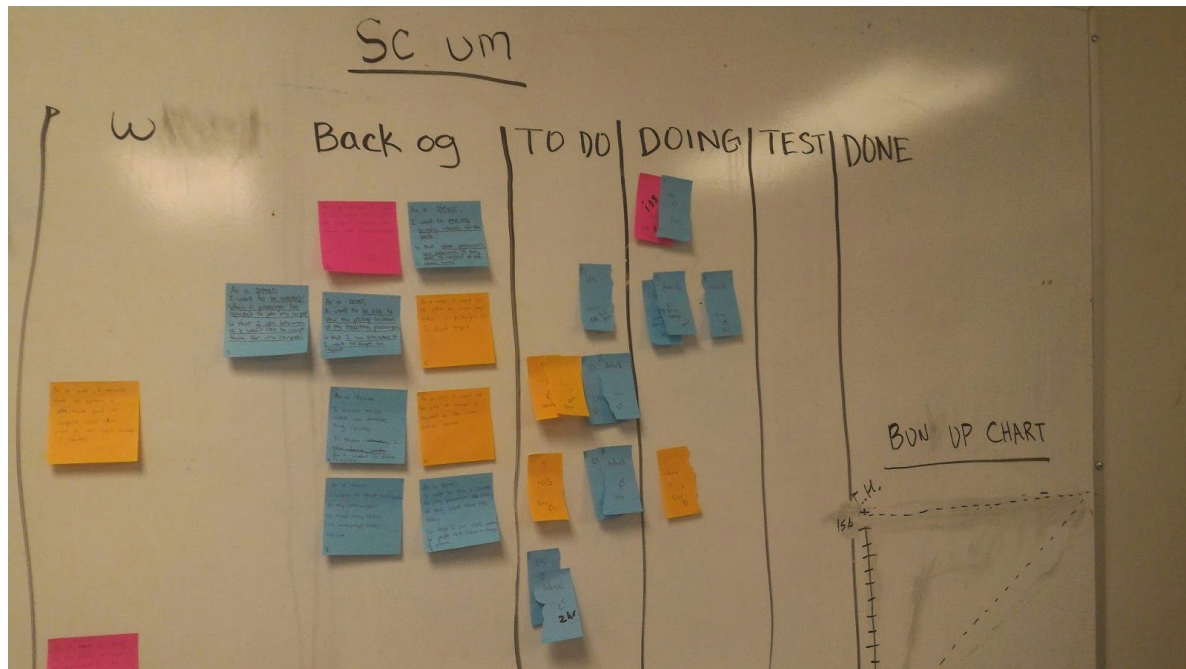
Loren Yeung - View Pickup Location (Android) - As a driver, I want to be able to view the pickup location of my requesting passengers, so that I can determine if I want to accept the request. Pair program with Matthew.

Matthew Wang - View Pickup Location (Android) - As a driver, I want to be able to view the pickup location of my requesting passengers, so that I can determine if I want to accept the request. Pair program with Loren.

Burnup chart



Scrum board



Scrum times:

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

Thursday 12:30 - 13:30

Friday 13:00 - 14:00