

Release Plan

Product Name: GeoBus

Team: Bus Squad (iOS Team)

Release Name: GeoBus Mobile App

Release Date: 12/10/2015

Revision 1: 10/12/2015

High Level Goals:

Upon launching the app we should be able to see the location of a bus on a Google map in realtime.

Clicking on a bus will reveal the bus's route.

Displaying the user's location using a dot or some sort of indicator.

Display the bus stops and have them labeled.

User Stories:

Sprint 1

- (13) As a user, I want to be able to open the app and immediately see a Google map of UCSC showing a single campus shuttle on it so that I know how close it is to my current location.
- (8) As developers, we want to set up a git repository so that we can all collaborate on the source code and track the evolution of the project.

Sprint 2

- (13) As a user, I want to be able to see all active shuttles updating in real time in order to determine which bus best suits my destination on campus.
- (8) As developers, we want to have started writing our documentation so that the project can have still have a pulse once we finish CMPS 115.

Sprint 3

- (13) As a user, I would like to know the current locations of any Metro buses just in case I live off-campus so that I can plan my ride home accordingly.
- (8) As a user, I would like to be able to see a SC Metro bus' route just in case I don't where a particular bus goes.
- (5) As developers, we want to finalize the project's documentation so that any future teams that work on it will have a clear description of how we accomplished everything.

Product Backlog:

These will be implemented in the form of user stories:

A:

As a user, I want to be able to open the app and see a campus map.

B:

As a user, I want to be able to see where the bus stops are around campus, so I can know where the closest bus stop is.

C:

As developers, we want to set up a git repo, so that we can collaborate on the source code.

D:

As developers, we want to meet with Kerry Veenstra so that we can gain a better understanding of how slugroute.com works.

E:

As a user, I want to be able to see all campus shuttles on a map, so that I can know the position of lops and upper campus buses.

F:

As developers, we would like to meet with Santa Cruz Metro, so that we can gain their cooperation for the implementation of metro buses into our app.

G:

As a user, I want to be able to see Santa Cruz Metro buses on a map, that way I know which bus to take home.

H:

As a user, I'd like to be able to see the route of a bus just in case I don't where the next bus is going.

I:

As developers, we want to start writing documentation so that future teams that work on this project can know how we accomplished our tasks.

J:

As a user, I want to be able to see my current location on a map, just in case I don't know the geography of the UCSC campus.

Project Presentation:

On Github as

<https://github.com/BusSquad/geobus-common/blob/master/documentations/CS%20115%20Presentation.pdf>