

Sprint 2 Plan - GeoBus by Bus Squad (Android)

Sprint 2 completion date is 11/7/2015.

Goals

- Display all the buses on the map in real time.
- Display on the map the route of the buses.
- Display metro bus schedules.
- Make sure that we have a consistent aesthetic to ensure a more pleasant UX.

Task listing, organized by user story

- [10 points] As a user I want to be able to see all the loop buses on the map.
 - Parse the XML with the data form the buses to something our app can use. [T. 2h]
 - Get the data from the XML file each time it refreshes. [T. 3h]
 - Display all buses on the map. [T. 2h]
 - Update all the buses each time the XML updates. [T. 1h]
 - Draw arrow/cursor from marker towards immediate direction of travel. [T. 2h]
- [3 points] As a metro rider I want to be able to see the bus schedule with the app so I can plan my trips accordingly.
 - Show static schedules for every route. [T. 1h]
 - Show dynamic schedules for every route. [T. 3h]
- [4 points] As a developer I want to have a consistent aesthetic to ensure a more pleasant UX.
 - Coordinate and agree on aesthetics. [T. 1h]
 - Design icons. [T. 1h]
 - Animate markers for smooth position updates [T. 2h]
- [10 points] As a user I want to be able to see all the upcoming buses by bus stop.
 - Make the info window where the information is displayed. [T. 2h]
 - Display upcoming buses on each bus stop. [T. 4h]
 - Update information about upcoming buses. [T. 4h]
- [1 points] As a developer I want to update and upload all assets to GeoBus – Common
 - User the GitHub repository. [T. 1h]
- [4 points] As a user I want to be able to see each buses route.
 - Figure out representation of routes on Google Maps API. [T. 2h]
 - Draw buses route on map when selected by the user. [T. 2h]

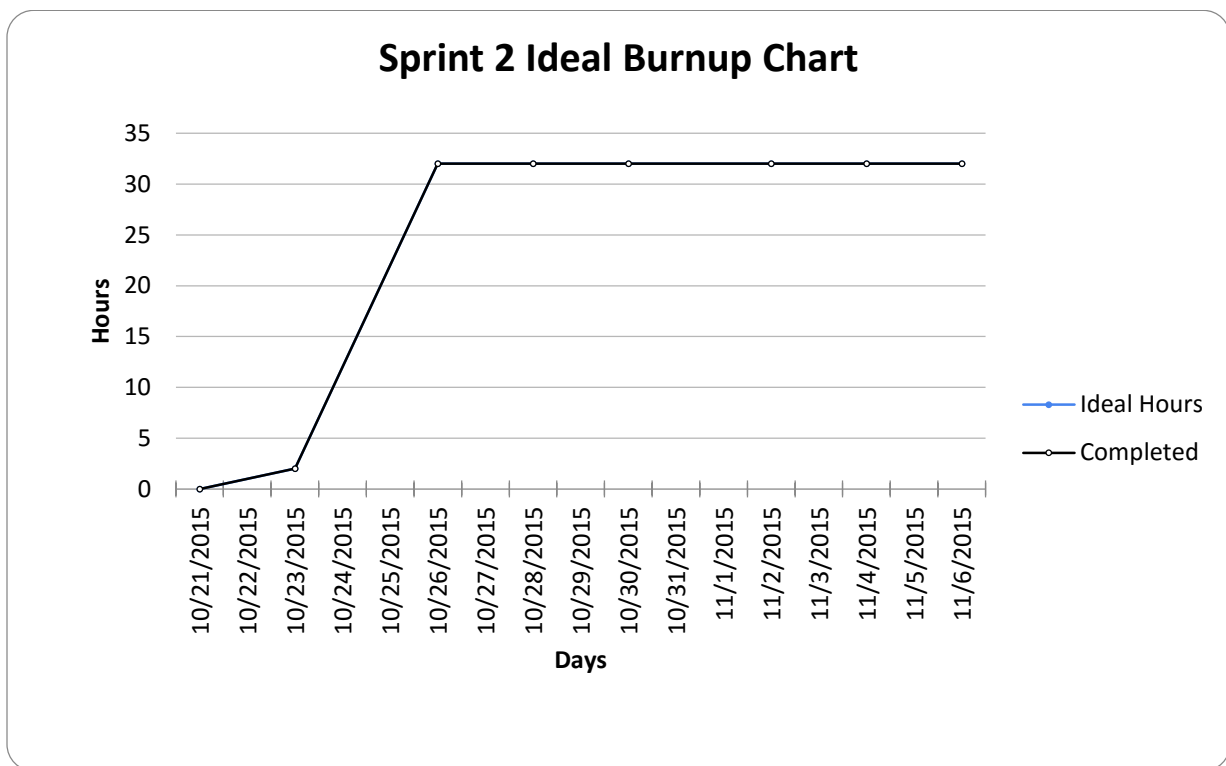
Team roles

- Alvaro Gomez: Product Owner, Developer, Scrum Master.
- Gerald Brown: Developer
- Jose Guzman: Artist/Developer
- Joseph Sylvia: Developer, Designer/Artist.

Initial task assignment

- Alvaro Gomez:
 - Show the bus schedule, dynamically.
- Gerald Brown:
 - Draw cursor/arrow for marker, towards immediate direction of travel.
 - Figure out representation of routes on Google Maps API.
 - Highlight remainder of route.
- Jose Guzman:
 - Make bus schedule into easy parsable JSON file.
 - Make info window (which displays users selected bus stop schedule).
 - Make icons.
- Joseph Sylvia:
 - Animate markers for smooth position updates.

Initial burnup chart



Initial scrum board

See BE 316.

Scrum times

All meetings take place in BE 316.

- Monday, immediately after CS115. Start at 12:20-12:30ish. Stan will attend these.
- Wednesday, before CS115. Start at 9:15-9:20ish.
- Friday, immediately after CS115. Start at 12:20-12:30ish.