

Where's My Bus?

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Last Week's Goals:

- Complete beta release features. Maps have been pushed back to feature complete release.
- Assignments for this week:
 - Everyone: update the parts of the SRS and SDS for which each of us was originally responsible.
 - Dylan: add remaining front end interactions with API, system and unit tests.
 - Becky: front end home page, submit alert page, and forum page
 - Bryce: front end catalogue pages and forum pages
 - Daniel: complete back end API
 - David: complete back end API, update class diagram
 - Nick: make tests run on linux vm, unit tests

Progress:

We did not quite finish all of our goals from last week. The front end team finished a good portion of the user interface, but we did not finish the forum page or some of the buttons for the other pages we made. Since none of us have used Android Studio before, we are still learning how to make some features work, and the learning curve for this prevented us from finishing all the features we wanted to have for the beta release. However, we did learn a substantial amount about the features we did finish, especially in terms of populating a page with information from a database. We still have quite a bit of testing to write this week; finishing the API and working on the front end took time away from writing tests last week. Yet, we did finish some tests, the build scripts, and some modifications to the API to help the front end connect to it more easily.

Goals for this Week:

- Finish implementing all the features for our app, testing, and writing documentation.
- Assignments for this week:
 - Bryce: set up switch button for viewing only favorites in the catalog, add a button to submit alerts from the forum page, setting up a switch method to take you to the alert page from the forum when you click on an alert, set up help button/side menu
 - Becky: fixing the thumbs up/down and favorites buttons; set up pages where users can view a specific alert and submit a comment for an alert; work on the maps features, including viewing the current location of a bus
 - Nick: figure out how to store user information in the front end, set up methods to store and load user information, write tests for OneBusAway. look into Appium
 - Daniel: set up API methods for getting the locations of buses, removing an upvote or downvote if a user clicks on a thumbs up or down button twice, and getting a list of affected routes affected by a neighborhood alert; make userID a required field in the server; and write tests and documentation
 - Dylan: learn how to use Espresso for front-end testing, write tests, work on API and controllers as needed
 - David: look into a coverage tool for testing, write tests, help with Espresso