

Sprint 2

Study Slug

Goal: Create core functionality required for the android app. Implement basic version of web app. Hook up core database.

User Stories:

1. (5) As a team member, I want to learn to develop and deploy a Firebase back end system.
 - a. Complete Firebase tutorial (1hr each)
2. (8) As a developer, I want to have a database for storing user profiles.
 - a. Set up hosting for back end (1hr)
 - b. Construct database (1hr)
 - c. Implement system for user profiles in database (1hr)
3. (8) As a user, I want to be able to use the app on my Android phone.
 - a. Construct Activity: Landing Page (1hr)
 - b. Construct Activity: Login/Register (1hr)
 - c. Construct Activity: Main Page (1hr)
 - d. Construct Activity: Add Classes (1hr)
 - e. Construct Activity: Find People (1hr)
 - f. Construct Layout: Landing Page (1hr)
 - g. Construct Layout: Login/Register (1hr)
 - h. Construct Layout: Main Page (1hr)
 - i. Construct Layout: Add Classes (1hr)
 - j. Construct Layout: Find People (1hr)
 - k. Build Intent: Landing -> Login (1hr)
 - l. Build Intent: Login -> Main (1hr)
 - m. Build Intent: Main -> Add Classes (1hr)
 - n. Build Intent: Main -> Find People (1hr)
 - o. Implement Google auth (2hr)
 - p. Implement firebase database access (2hr)
 - q. Build the APK so it'll run (0hr)
 - r. Testing (1hr)
4. (5) As a user, I want to be able to create a profile tied to my CruzID.
 - a. Investigate domain-specific auth from Google (1hr)
 - b. Implement domain checking (1hr)
 - c. Implement cruzID verification (1hr)

5. (5) As a group leader, I want to be able to initiate a study group.
 - a. Create filter/search button in app people listing (3 hr)
6. (8) As a user, I want to be able to use the app from the web.
 - a. setup hosting
 - i. find actual hosting (1hr)
 - ii. set up connection to domain name (1hr)
 - b. Pick a template (1 hr)
 - c. Modify that template to fit:
 - i. Create login page (1hr)
 - ii. Create main view page (1hr)
 - iii. Create add classes page/function (1hr)
 - iv. Create find people page/function (1hr)
 - d. Implement a connection to the database (3hr)
 - e. Implement google auth (3hr)
7. (3) As a user, I want to be able to select from a list of courses.
 - a. Create dropdown menu for major selection (2hr)
 - b. Create dropdown menu for class selection (2hr)
 - c. Create web scraper to collect class data (2hr)
 - d. Write script to load class data into database using cURL (1hr)

Total Hours: 53

Team Roles

Michael Lanthier - Team Member

Mike Liu - Team Member

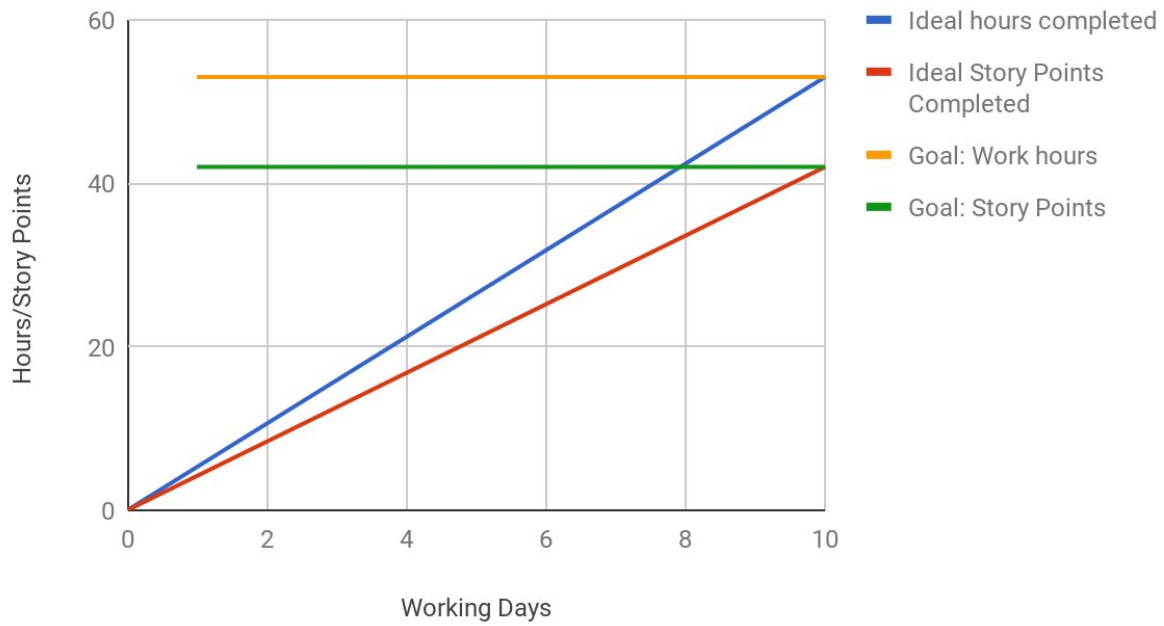
Kian Moghtaderi - Scrum Master

Peter Wilcox - Product Owner

Daniel Williams - Team Member

Initial Burnup Chart

Sprint 2 Burnup



Scrum Times:

TA Meeting: Mondays 10AM with Nehal

Standup Meetings:

MWF: 9:10

TTh: 2:15