

Sprint 4 Plan

Product name: LifeTracker RPG

Team name: Three and A Half Asians

Members: Aaron Rodden, Eric Huang, Maverick Ho, Sean Chen, Robert Bergeron

Revision Number: 1.0

Revision Date: 11-17-19

Goal: Connect our backend(Firebase) with our progress made on gameplay elements and user statistics. We are taking a lot of features out of scope for this sprint to make sure that we can have a game where users see other users trails, and get experience for finishing them.

User Stories:

(Estimation) Description

- **Tasks (Hours)**
- (21) Have the maps activity interact with the firebase databases
 - Determine a schema relation to store data (2)
 - Ie. what information do we track maps wise
 - Display people's polylines on the maps, not just the current users (4)
 - Gather statistics for the user (2)
 - Did they go off trail?
 - How fast did they do this trail.
- (13) As a User, I want to find other people's trails, or else I would have to manually scroll over the map to find people's trails
 - Either a list that shows the nearest trails based on location (4)
- (5) Some way for the user to view and interact with their data (UI)
 - As a user, I would like to be able to track my progress so that I can see how far I have come (4)
- (4) Create a unit test that has a user "travel" a given distance, verify that they get experience, and check that their data is added to our firebase tables.
 - As a developer I want a consistent test that makes sure our gameplay mechanics are interacting with our backend properly. (4)

Team Roles:

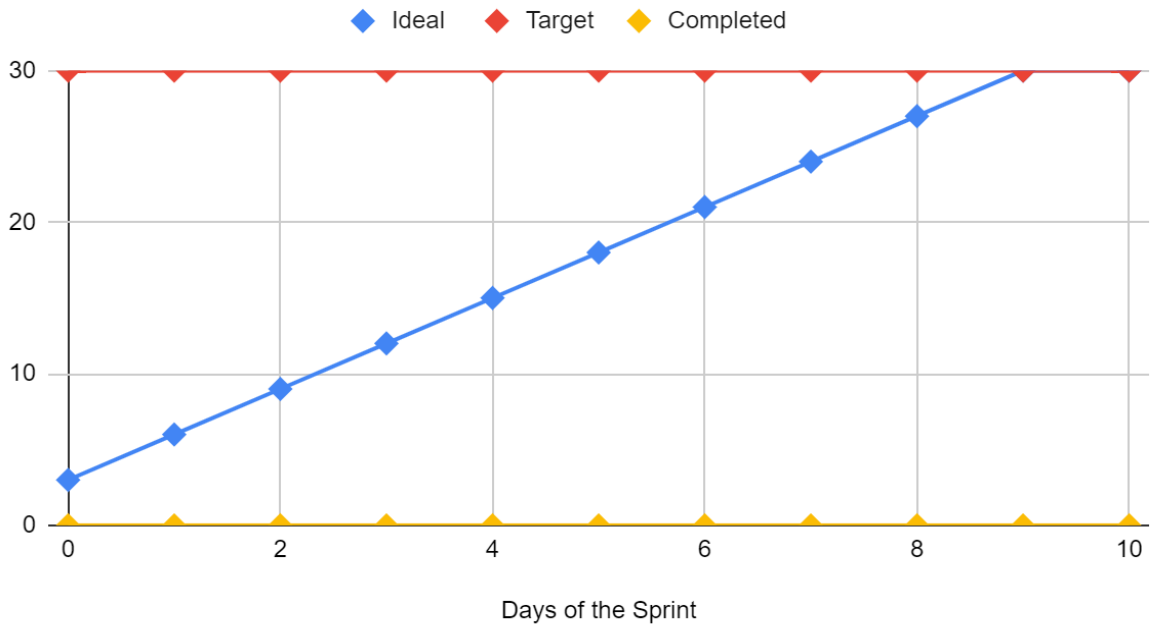
Aaron Rodden	Product Owner, {Developer}
Eric Huang	Developer
Maverick Ho	Developer
Robert Bergeron	Scrum Master, {Developer}
Sean Chen	Developer

Initial Task Assignment:

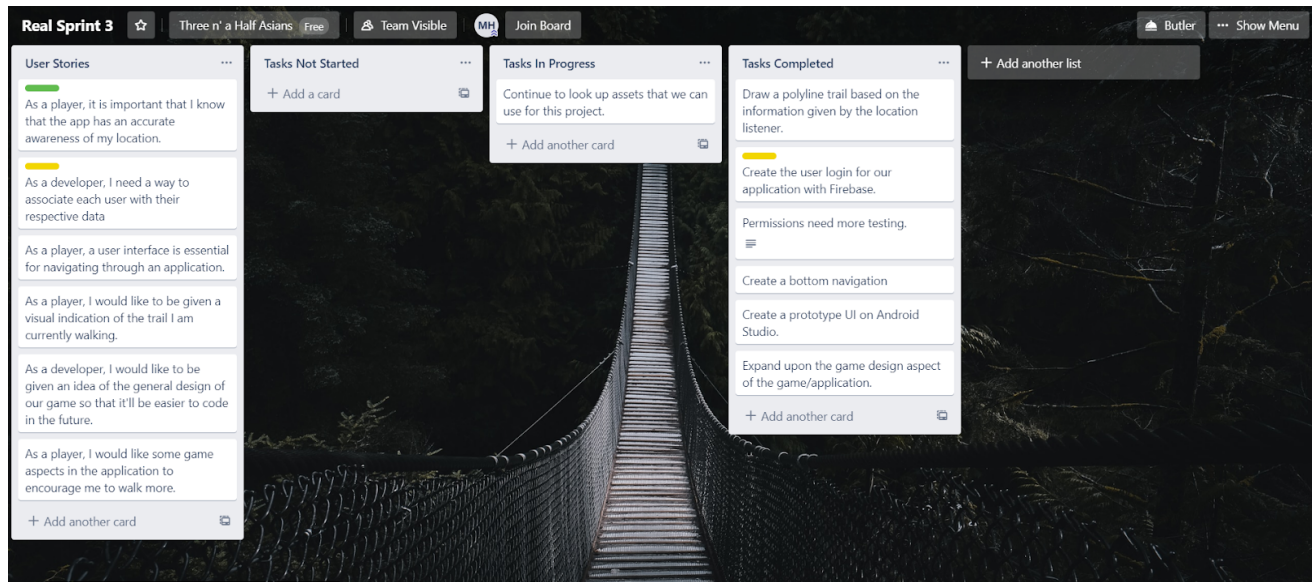
Aaron Rodden	Unit Test, Updating Experience
Eric Huang	UI, associating user data in Firebase, other database stuff
Maverick Ho	Having trail data appear in Firebase, Maps UI
Robert Bergeron	Verify a complete trail
Sean Chen	Managing our Firebase tables

Initial Burnup Chart:

Sprint 4 Burnup Chart



Initial Scrum Board:



Scrum Times:

Wednesday 5:30pm - 6:00pm

Tuesday 1:15pm - 2:30pm

Monday 6:00pm - 7:00pm