

Housing Connect Sprint 1 Plan

Housing Connect Team

Sprint 1 Completion Date: 02/02/2018

Revision Number: 1.1 **Date:** 2/23/2018

Team Members: Samantha Washburn, Mark Tierney, Devin Siems, Alex Petrusca, Alex Phung

Goal

Get a web page up that displays a minimum of house listings. If we have time we would like to get accounts supported.

Task Listing

Sprint 1 (35 story hours)

1. (4) Learn the necessary tools for the project
 - a. javascript
 - b. node.js
 - c. angularjs/html
 - d. firebase
2. (3) Allow homeowners to store their property listings so that they don't have to re-create the property listing every time the property comes available.
 - a. create a variable for visibility
 - b. create a checkbox in html for toggling visibility
 - c. integrate with firebase so that listings are stored
3. (5) Allow prospective tenants search for residences by ZIP Code
 - a. setup a json object to sync with firebase
 - b. create a variable for each listing with zip code

- c. index all zip codes
- 4. (6) Allow prospective tenants to sort residences by price, proximity, and # of bedrooms
 - a. similar to user story 1
 - b. create index of prices and bedroom count
 - c. proximity probably through lat long and math
- 5. (4) Enable homeowners to create listings for their homes that display price, availability dates, and home descriptions and images.
 - a. use firebase to create a list of json objects to store
 - b. create a json object that can be transferred between local machine and firebase
- 6. (8) Allow homeowners to create a personal login on the website so that they can manage their rental properties
 - a. setup a firebase database for the project
 - b. setup syncing with firebase
 - c. setup account authentication with firebase
- 7. (5) Create web page for displaying
 - a. use html and javascript to make a basic webpage
 - b. make it take in the correct information
 - c. maybe learn bootstrap

Team Roles

Samantha: Product Owner, Developer, UI/UX Design

Mark: Scrum Master, Developer Javascript

Devin siems: Developer, UI/UX Design

Alex Phung: Developer Firebase

Alex Petrusca: Developer Firebase

Initial Task Assignment

Samantha: 1, 3, 4

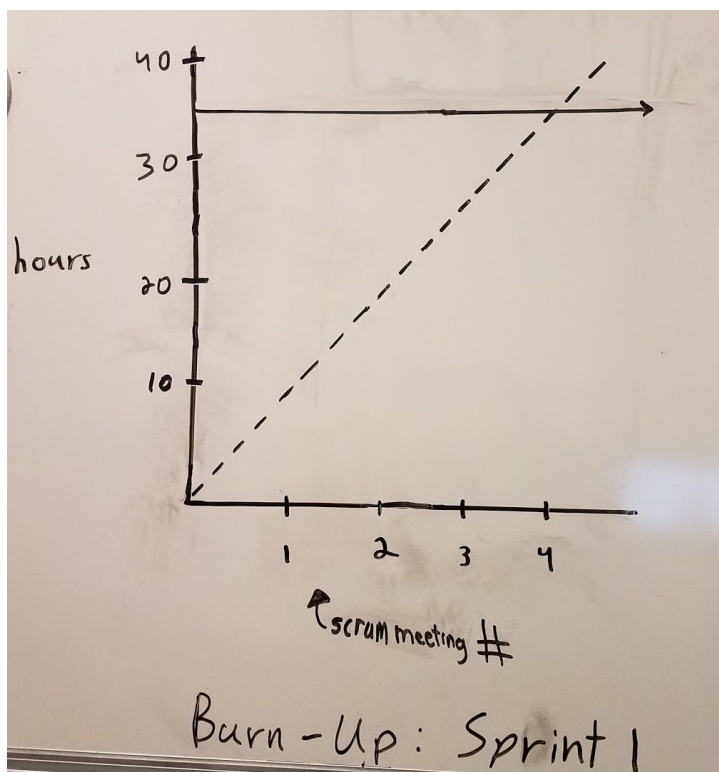
Mark: 1, 2

Devin Siems: 1, 7

Alex Phung: 1, 5, 6

Alex Petrusca: 1, 5, 6

Initial Burnup Chart



Scrum Times

Monday: 3-3:15 pm

Wednesday: 3-3:15 pm

Friday: 3-3:15 pm