

# Housing Connect Sprint 1 Plan

**Housing Connect Team**

**Sprint 1 Completion Date:** In Progress

**Revision Number:** 1.0 **Date:** 1/24/2018

**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

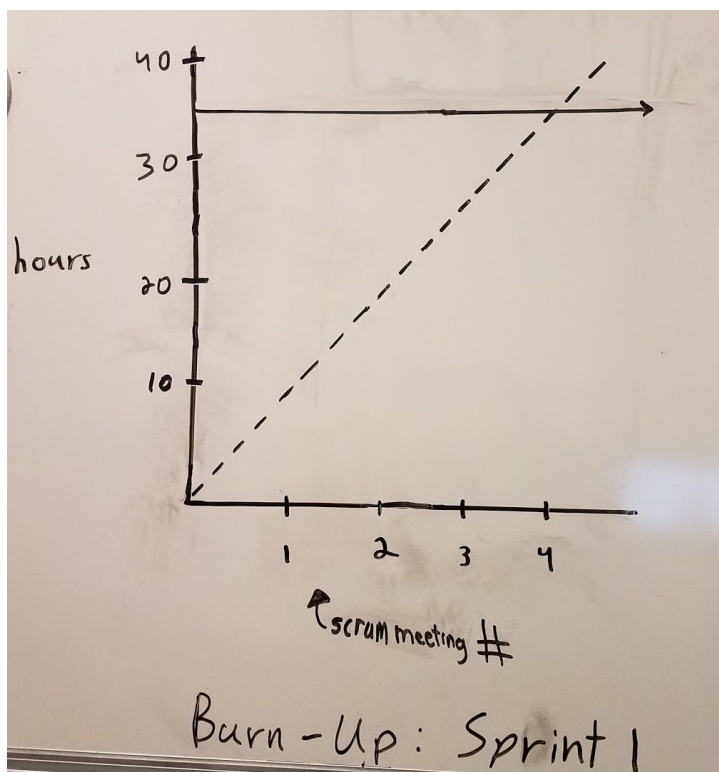
Mark: 1, 2

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