

Weekly Project SCRUM Report

Date: October 23, 2020

Project Name: State Surplus Land Assessment - Affordable Housing

Members: Reina Chau, Jon Harger, Yunshuang Tao, Nilos Makino

Activities Completed this week:

- Assigned tasks to team members for current tasks
 - Jon/Reina: Real Estate APIs
 - Nilos/Yunshuang: Sort/extract data that is given
- Investigated real estate APIs
 - ATTOM API: Reached out to sales rep and gathered information regarding free trial and the basics of using the API
 - Melissa Property Web API: Began free trial and tried to pull data
 - Unable to pull data due to unknown API variables
 - Zillow API and Estatic API: Submitted access request. Waiting to hear back
- Sorted project data files into categories of city, state, and DOT owned properties
- Extracted partial data from supplied PDF relating to step 3 of approach (% of affordable housing for each district)
- Met with Rishab and addressed questions

Obstacles and Solutions:

- Waiting to hear back from Zillow and Estatic API
- Unsure about the difference between subsidized housing and affordable housing in regards to which should be factored into our data analysis. Steve is going to look into this and we will talk to him next week
- Determining any regulations/guidelines that are used to calculate the percentage of affordable housing. Need to look into regulations and talk with Steve

Plans for Next Week:

- Meet with ATTOM API tech rep on Monday to determine how we can get access to full API. Also discuss if free trial will be enough for what we need
- Pull data from ATTOM API using either free trial or supplied API access.
- Further develop our understanding of subsidized and affordable housing.
- Begin to rank the districts by how far below their affordable housing standard they currently are, alongside how much surplus land they have available, in order to prioritize where we should be focusing our efforts

Meet with Project Manager Next Week: Yes