Heading:
Document Name: Sprint 1 Plan
Product Name: SlugPath
Team: Slugstras
Sprint Completion Date: February 2, 2018
Revision 1.3 (2-7-18)

Goal:
Complete our "slugstra" algorithm to find the most optimal shortest walking path to take between two locations.

Task Listing:

- User Story 1: As a javascript developer, I need to develop the shortest path algorithm so that we can display the shortest path on a visualized map.
  User Story 1 Tasks
  1. (21 Hours) Learn and develop A* algorithm
  2. (13 Hours) Code Node and Graph objects
  3. (7 Hours)Develop usable dropdown menu to select locations
- User Story 2: As a data manager, I want node and edge data so that I can organize our data efficiently.
  User Story 2 Tasks
  1. (5 Hours) Learn how to make a viable database structure
  2. (8 Hours) Create all database objects by node and edge classification
  3. (21 Hours) Collect location data
- User Story 3: As a user, I want to see the path so that I know where I am going.
  User Story 3 Tasks
  1. (5 Hours) Create the visual map through Leaflet

Team Roles:
Joven Pableo: Product Owner and Developer
Edward John Tagaca: Initial Scrum Master and Developer
Cameron Skaggs: Data Management and Developer
Pranav Salunk: Developer
Srijitha Somangili: Developer

Initial Task Assignment:

Joven Pableo: User Story 1: Code Node and Graph objects

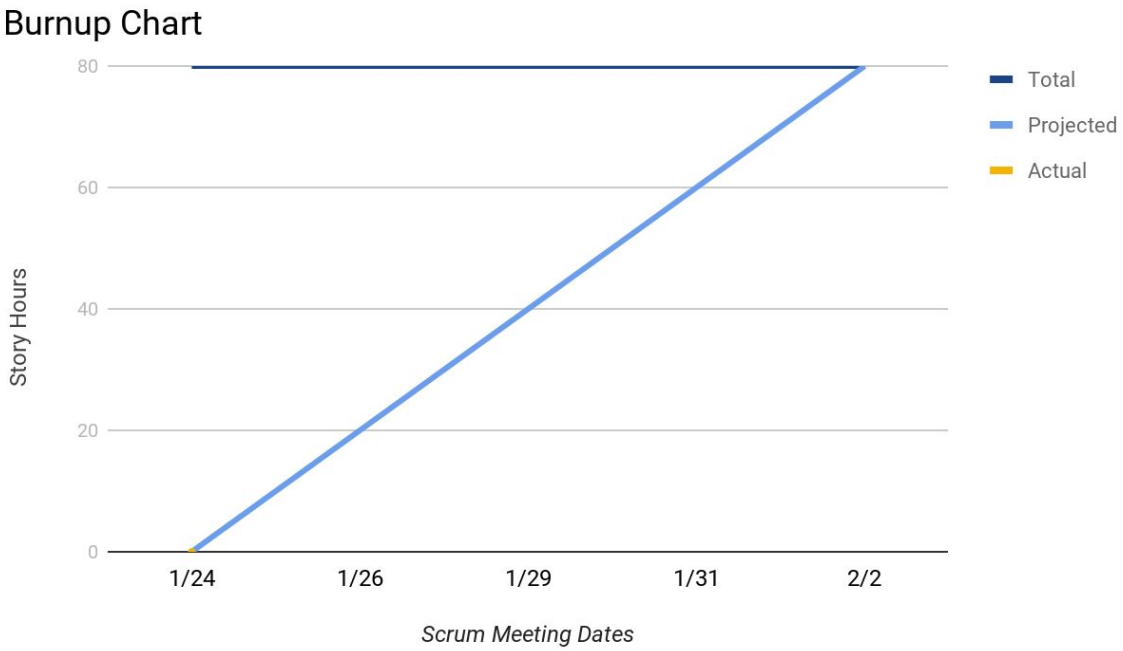
Edward John Tagaca: User Story 3: Create the visual map through Leaflet

Cameron Skaggs: User Story 2: Learn how to make a viable database structure, Collect location data

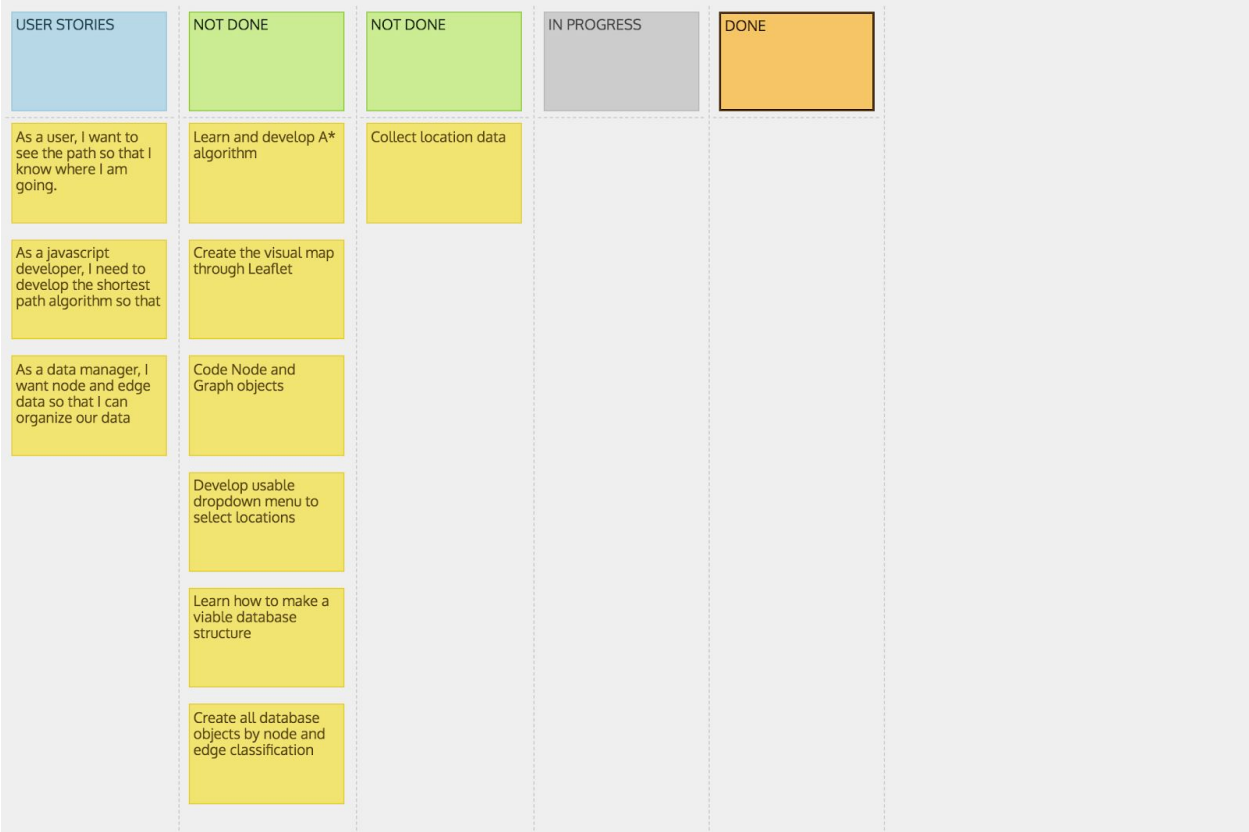
Pranav Salunk: User Story 1: Learn and develop A* algorithm

Srijitha Somangili: User Story 1: Develop usable dropdown menu to select locations

Initial Burnup Chart:



Initial Scrum Board:



Scrum Times:

Monday: 12:00 PM - 12:15 PM

Wednesday: 12:00 PM - 12:15 PM (Scheduled TA visit)

Friday: 12:00 PM - 12:15 PM