

Sprint 1 Plan

Team Name: AGJMP

Product Name: lolst

Sprint completion date: October 20, 2019

Revision Number: v1.0

Revision Date: October 08, 2019

Goal: Our overall goal for this sprint should be to use web scraping to gather data from official sources and place this data into a functioning database. After this, we can focus on visualizing this data on the UI.

Task listing:

1. As a newcomer to League of Legends, I need to be able to view tailored statistics for the teams/players, so that I can get a better understanding of the sport.

Story points: 5

- Web scrape the data from sources and insert into database (4 hours)
- Have the data displayed on the UI (6 hours)

Total Time: 10 hours

2. As an Esports fan, I need to be able to view selected statistics for teams/players I am a fan of, so I can remain up to date with the standings.

Story points: 5

- Web scrape the data from sources and insert into database (4 hours)
- Have the data displayed on the UI (6 hours)

Total Time: 10 hours

3. As an Esports fan, I need to be able to query which team/player I want to see data for, so I can save time.

Story points: 3

- Have the basic functionality of tables/graphs (6 hours)
- Look for a React library that supports autocomplete search bar (2 hours)

Total Time: 8 hours

Team Roles:

Jake Hwang: Backend developer (Web-scraping using BeautifulSoup)

Perry Yang: Backend developer (Store data into MongoDB database)

Gus Pearson: Backend developer (Flask to communicate with database)

Michael Hsieh: Frontend developer (set up Flask/React communication, implement autocomplete search bar)

Alfred Lam: Frontend developer (React/Redux to display data as tables/graphs)

Initial Tasks:

Jake Hwang: Web-scraping a table off of data on internet using BeautifulSoup and prepare that data to be used on MongoDB (User story: 1, 2)

Perry Yang/Gus Pearson: Set up mongodb and use flask to communicate the data to front-end. (User story: 1, 2)

Michael Hsieh: Setting up connection between Flask, and React, implementing autocomplete search bar (User story: 3)

Alfred Lam: Display the data from the backend as a table/graphs (User story: 3)

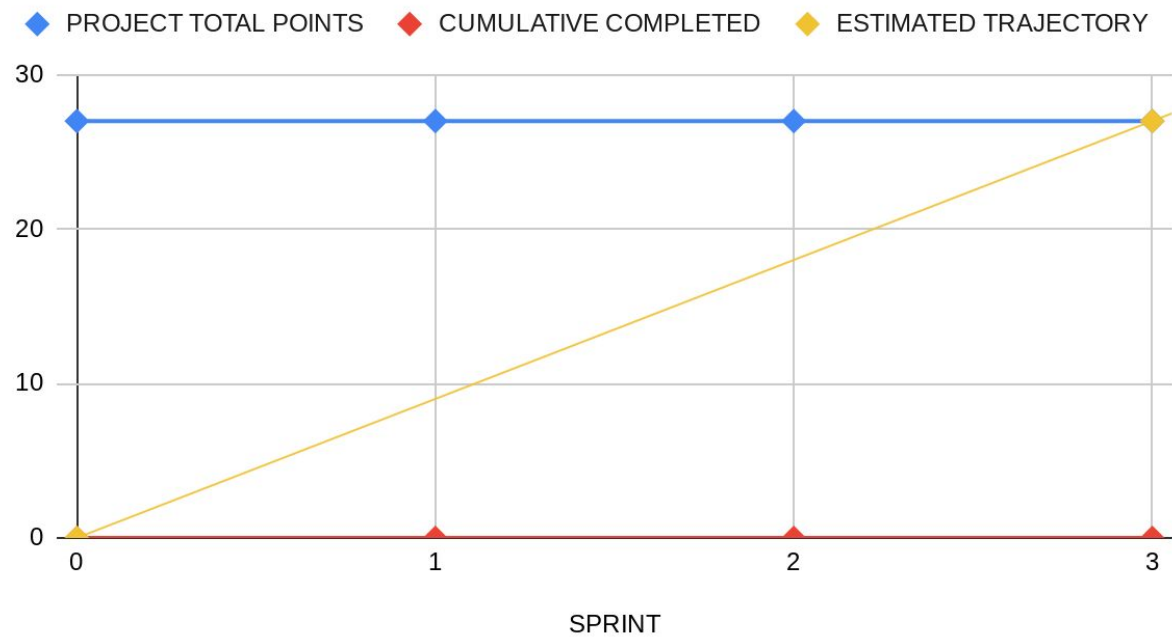
Scrum Meeting Times:

- Monday 10:00 PM-10:15 PM
- Wednesday 5:30-6:00 PM
- Saturday 3:00-4:00 PM

Burn-up chart

<https://docs.google.com/spreadsheets/d/1qcFqtBj8u8AWYxSjcNaX2-LxSxVvWrsLEtdkMDKSvto/edit?usp=sharing>

Loiest Burn-up Chart



Initial Scrum Board:

