

Sprint 1 Plan

Product Name: Boba Finder (To Be Changed)

Team Name: Boba Spot

Revision Number & Date: v2.0 (10/24/2023)

High Level Goals:

- Create a web-scraper that goes through a store's menu and scrapes menu items
- Use BeautifulSoup and Selenium to scrape dynamic sites
- Use the above to scrape Grubhub menu pages
- Use Scrapy to scrape static sites
- Connect data to a MongoDB

User Stories:

User Story 1: I am new to my area and want to know what shops nearby serve boba

Task 1: Create a web scraper (8)

Task 2: Use a site to enter user's location (2)

Task 3: Scrape the shops nearby (4)

Total for User Story: 14

User Story 2: I've never been to a designated shop before and what to know if they are good

Task 1: Create a web scraper (8)

Task 2: Use a site to enter user's location (2)

Task 3: Enter each shop page (2)

Task 4: Scrape the shop rating (1)

Total for User Story: 13

User Story 3: I don't have a car and want to know which shops can deliver

Task 1: Create a web scraper (8)

Task 2: Use a site to enter user's location (2)

Task 3: Enter each shop page (2)

Task 4: Scrape the info concerning delivery (1)

Total for User Story: 13

Team Roles:

Scrapy Static Site Scraper (Allmenus)

- Valentin
- Dalton
- Tasks: Use scrapy to scrape the site HTML, connect to a MongoDB, filter out unnecessary data

Scrapy Static Site Scraper (Menupages)

- Cindy
- Frances
- Tasks: Use scrapy to scrape the site HTML, connect to a MongoDB

Dynamic Site Scraper (Grubhub)

- Brandon
- Michael
- Tasks: Make a beautifulsoup scraper to scrape grubhub HTML, use selenium to load the dynamic page, connect to a MongoDB

Initial Task Assignment:

Frances Fletcher:

- User Story: I am new to my area and want to know what shops nearby serve boba
- Initial Task: Create a web scraper for menupages

Cindy Wong:

- User Story: I am new to my area and want to know what shops nearby serve boba
- Initial Task: Entering location to the site and scraping page

Brandon Llanes:

- User Story: I don't have a car and want to know which shops can deliver
- Initial Task: Use beautifulsoup and selenium to scrape grubhub info

Michael Lee

- User Story: I don't have a car and want to know which shops can deliver
- Initial Task: Use beautifulsoup to scrape menu information

Dalton Nham:

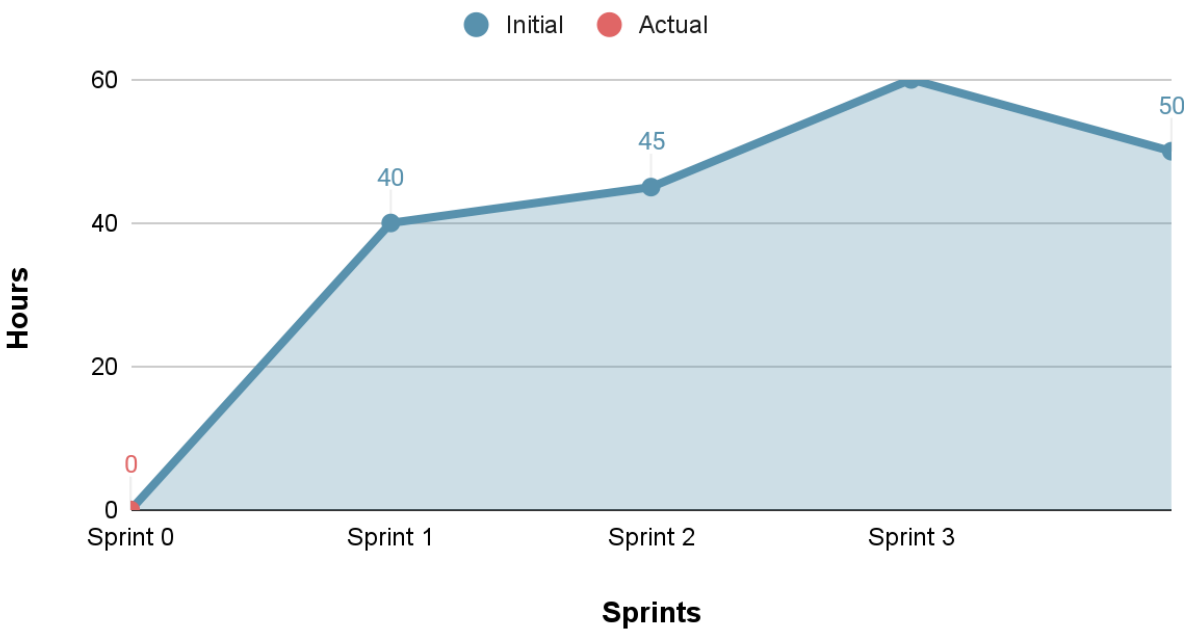
- User Story: I've never been to a designated shop before and what to know if they are good
- Initial Task: Create a web scraper for allmenus

Valentin Casanova:

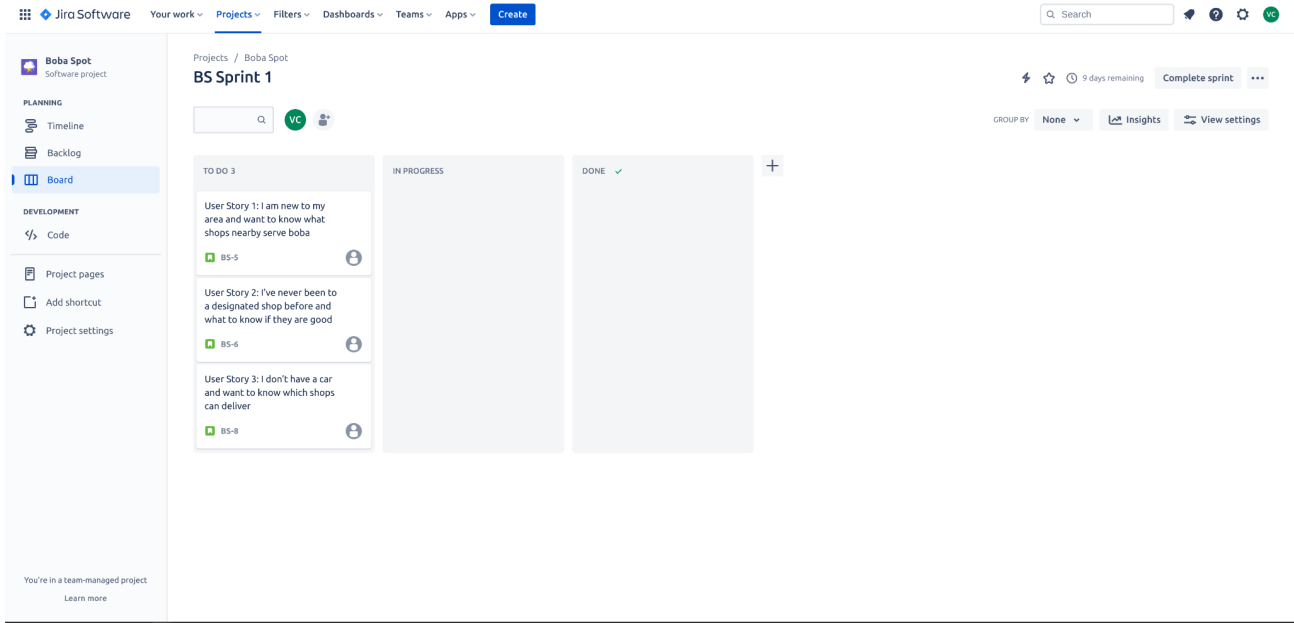
- User Story: I've never been to a designated shop before and what to know if they are good
- Initial Task: Create a web scraper for allmenus and find the ranking of shop

Initial Burnup Chart:

Burnup Chart



Initial Scrum Board:



Scrum Times:

- Mondays (5-6pm)

- Tuesday (2-3pm)
- Thursday (5-6pm) ← TA meeting