

Sprint 2 Plan

Product Name: Stocks Platform

Team Name: BananaStocks

Sprint Completion Date: May 4th, 2021 (Wednesday)

Revision Number: #1

Revision Date: April 21th, 2021

Goal: Have project setup done by frontend and backend; be able to create a project and associate with a project and see the stock data.

Task Listing (Organized by user stories):

Story points	User story	Time Estimate
2	As a developer, I should develop an API endpoint to service a request from a user to return their relevant stock information.	~2 hours
8	As a customer, I should be able to interact with the landing page and see relevant stock data.	~8 hours
5	As a developer, I should authenticate user requested stocks as valid through an API call	~5 hour
5	As a developer, I should store the necessary data to analyze and present to the user	~5 hours
5	As a developer, I should implement refresh tokens and Google OAuth	~5 hours

Team Roles:

Matan: Product Owner

Sebastian: Backend Developer

Ronald: Backend Developer

AJ: Backend Developer

Nathaniel: Frontend Developer (Scrum Master)

Initial Task Assignment:

Matan:

“As a developer, I should be able to pull in stocks data in an automated fashion”

“As a developer, I should be able to ingest stock metrics through a basic strategy pipeline”

“As a user, I should be able to create a project”

“As a user, I should be able to associate a stock with a project”

“As a developer, I should be able to trigger stock tracking as a user associates a stock with a project”

Sebastian:

“As a developer, I should be able to identify the main tokens of a headline.”

Ronald:

“As a developer, I should verify JWTs requests sent by the Data Service”

“As a developer, I should invalidate JWTs when a user logs out and monitor when to “expire” them”

“As a developer, I should refresh active JWTs”

“As a developer, I should implement the routing used by the Google OA”

AJ:

“As a developer, I should develop a thread-safe system for NLP.”

“As a developer, I should be able to identify the main tokens of a headline.”

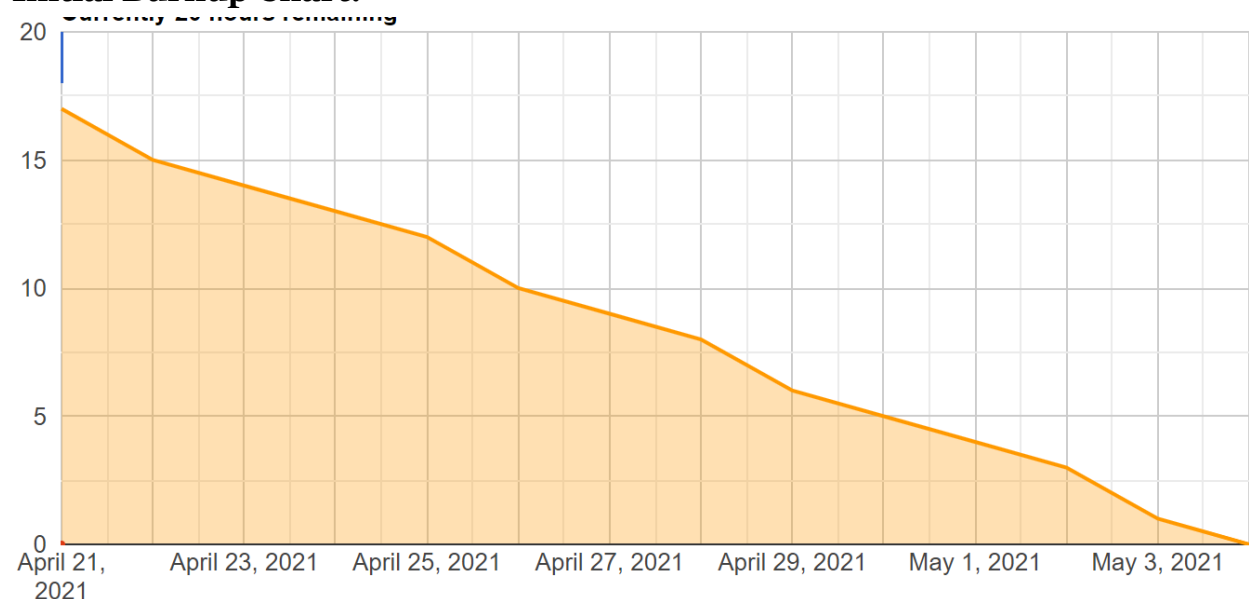
Nathaniel:

“As a developer, I should be able to display user projects that they want to create”

“As a developer, I should allow the user to pick the stock they want; stocks can also be selected multiple times for different projects.”

“As a user, I should be able to create and delete projects.”

Initial Burnup Chart:



Initial Scrum Board:

<https://trello.com/b/L4nsGiS1/cse115a-project>

Scrum Times:

Monday: 12:00pm-12:30pm

Wednesday: 1:00pm-1:30pm

Friday: 11pm-11:30pm