Product: Social Stock Analyzer

Team: Gurpinder Singh, Nout Reusken, Mihika Marathe, Ojas Upadhye, Qiuxia Tang
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Revision Number: 3
Revision Date: 3/5/22

Goal:

Users can add/remove stocks, search stocks and look at a basic analysis, and like/comment on stocks. Users can access the application from any computer.

Task Listing:

- As a user, I should be able to add and remove stocks from my portfolio as I choose so I can maintain the portfolio of my choice (3)
    - SS-40: Add/remove button on portfolio page and connect with back end. - Qiuxia (3hrs)
    - Check Alpaca API if available, checkbox with current stock. - Qiuxia (1hr)
- As a user I should be able to like and comment on a stock to voice my preferences/predictions so that I can engage with other users.(7)
    - Set up a stock database to hold each interacted stock. - Ojas(1hr)
        - Each row should store comments/likes associated with stock.
    - Set up a backend to fetch and post likes/comments. - Ojas(6hrs)
    - Set up the front end to show likes/comments for each searched stock. - Mihika (1)
- As a user, when I search up a stock I should be able to add it to my portfolio and see the social engagement on that stock.- Nout (5)
    - Retrieve and display stock information from Alpacas in form of statistics/graphs (3hrs)
    - Create an "Add Stock" button and connect with the back end. (1hr)
    - As a user I should be able to add a particular stock to my portfolio/watch list (1hr)
    - Create stock viewing component(1hr)
- As a user, I should be able to go to the stock viewer for stocks in my portfolio or likes section so that I can conveniently see the details of my preferred stocks. (3)
    - Link stocks on the portfolio to the stock view page(1hr).
- As a user I should be able to access the application over the internet so that I can access it on multiple devices without needing to download it. - Mihika (5)
    - Start migrating to AWS (2hrs)
- As a user, I should be able to see stock news on dashboard so that I can be up to date on current events related to my stocks and the stock market.(3) - Nout
    - Add new component to dashboard page(1hr)
- As a user, I should be able to get stocks that match a certain criteria. - Gurpinder (7)

- - Obtain and configure certain criteria for the user to personalize recommendations (2hrs)
    - Provide stock recommendations based on criteria. (5hrs)
  - Tasks:
    - Sophisticated error messages. (0.5 hr)

Spikes:
- Look into migrating the application to AWS. - Mihika (3)

Team Roles:
Gurpinder Singh: Developer/Product Owner
Nout Reusken: Developer
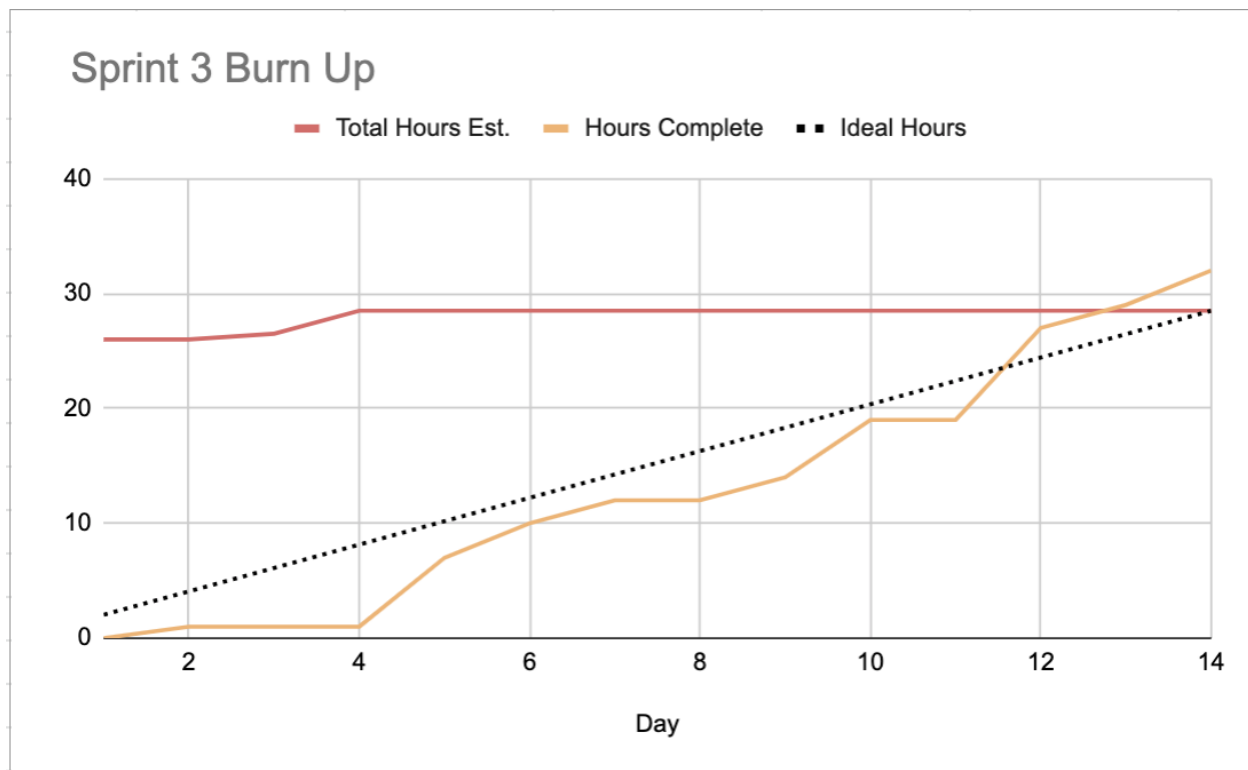Mihika Marathe: Developer
Ojas Upadhye: Scrum Master
Qiuxia Tang: Developer

Initial Task Assignments
Listed above.

Initial Burnup Chart:

Initial Scrum Board: (task board, separate columns for tasks not started, tasks in progress, tasks completed)
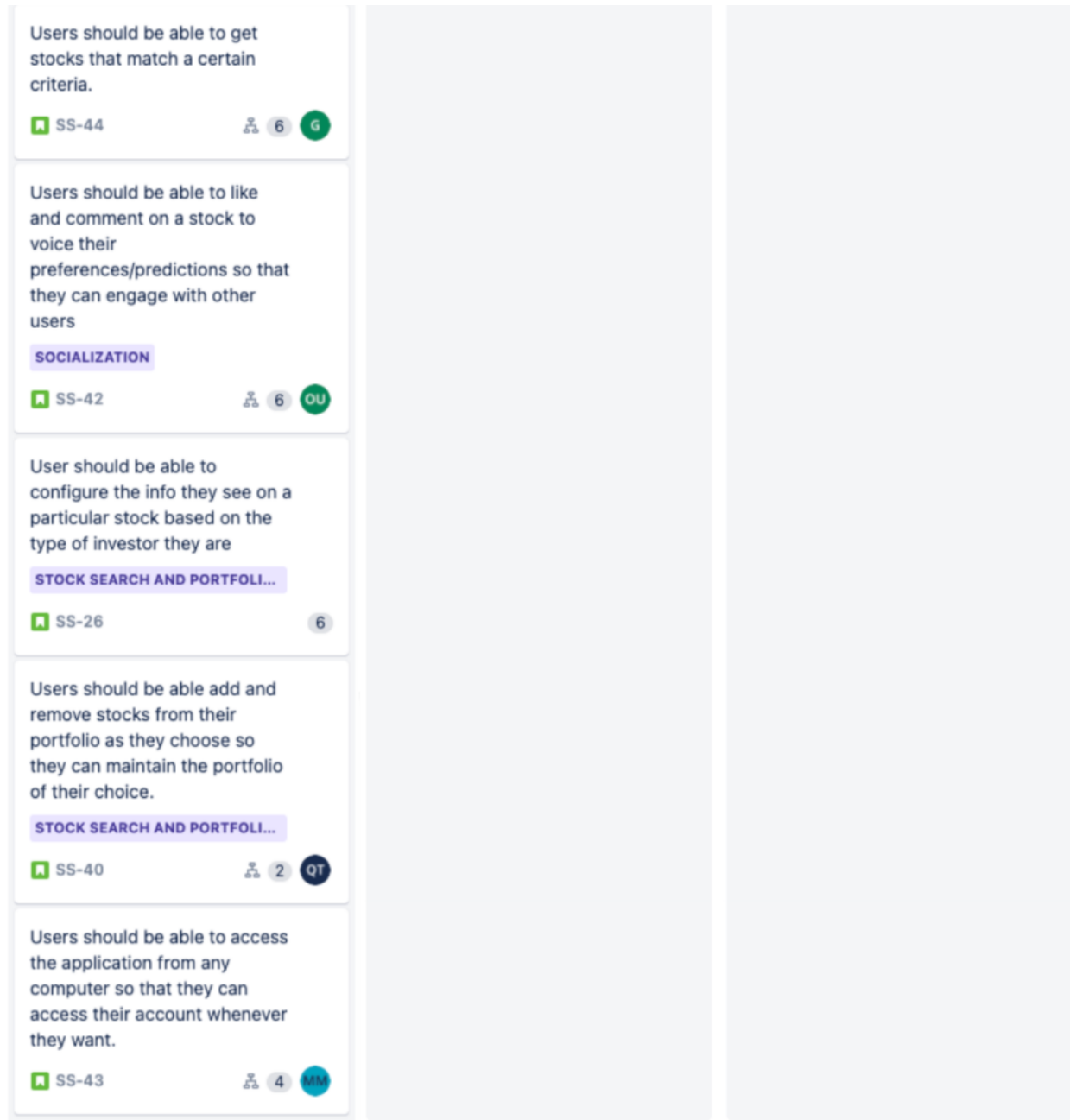*live version on Jira

SS Sprint 3

QT OU NR MM G

Epic ⌄   Type ⌄

TO DO	IN PROGRESS	DONE

TO DO

User should be able to go to stock viewing page from portfolio page.

STOCK SEARCH AND PORTFOLI...

🔖 SS-52   2

User should be able to see stock news on dashboard

🔖 SS-53   ✓ 🔗 1   NR

Check email validity during registration

🟥 SS-39   ✓   OU

Error Management

☑️ SS-38   ✓ 0.5 MM

Set up portfolio page

STOCK SEARCH AND PORTFOLI...

☑️ SS-25   ✓   6   NR

Homepage doesn't render when user portfolio is empty

🟥 SS-55   ✓   OU

Portfolio page doesn't render with empty user portfolio

🟥 SS-56   ✓   OU

Users should be able to search up a stock, see a basic analysis and add it to their portfolio so that they can make an informed decision.

STOCK SEARCH AND PORTFOLI...

🔖 SS-47   🔗 6   NR

Users should be able to get stocks that match a certain criteria.

SS-44   6   G

Users should be able to like and comment on a stock to voice their preferences/predictions so that they can engage with other users

SOCIALIZATION

SS-42   6   OU

User should be able to configure the info they see on a particular stock based on the type of investor they are

STOCK SEARCH AND PORTFOLI...

SS-26   6

Users should be able add and remove stocks from their portfolio as they choose so they can maintain the portfolio of their choice.

STOCK SEARCH AND PORTFOLI...

SS-40   2   QT

Users should be able to access the application from any computer so that they can access their account whenever they want.

SS-43   4   MM

Meeting Times: (3 times that the team meets every week including the daily stand-ups, including one with the TA)

1. Friday 4:30-5:15 PM PST, meeting with TA
   https://zoom.us/j/8572731488?pwd=VTI2WTRlbEhqU3dtL3NNMGZTWldBZz09

2. Tuesday 5:00 PM PST
3. Sunday 4:00 PM PST