Sprint 1 Materials

Food For All

Priyam Mishra
Ethan Ting
Sunhee Kim
Nandani Janapati

Retrospective Summary

This sprint turned out to be quite an experience for all of the members of the team where we went in knowing some requirements and ideas for the implementation. However, it was soon clear that certain issues would become associated with the implementation of different APIs and interfaces. We initially thought of creating a product backlog which would integrate the functionality from the get-go, but we did not really seem to find perfect implementations to meet such requirements. We were able to get the integration of the APIs along with the hosting with Heroku. We soon found out there was an API regarding the HERE maps that turned out to be not relevant to our project. For a replacement, we decided to include a Covid API so that we could provide feedback to delivery drivers to mask up or not. The other two APIs were kept constant throughout the course of the project. As far as the initial backlog, we saw that there was an issue where we heavily emphasized the fact that the database included a lot of tasks that were encompassed. As we had our scrum meetings, we made constant changes to our sprint backlog and made modifications to what the requirements turned out to be and were better suited to having a functional product by the end of the sprint. Our product backlog after this sprint now reflects the tasks required to meet the goal of having the product completed in the given time frame of a month.

GitHub Release Link

Create a GitHub release of **a completely working version** of the software and include a link to your release here. Note that some features may not be included if they are scheduled for later sprints, but you must have a **minimum viable product (MVP)** that a user can give feedback on.

Remember to commit to your repository each time a new feature is added/modified. Items should not be marked as "complete" on your backlog until they have been pushed to your repository.

Product Backlog

Previous burndown chart:

The backlog can be found on the last page of this sheet document.

https://docs.google.com/spreadsheets/d/1uivgbieTEGgJ0MnBvzdZr76BunNLb5dGfefJ5bDYzpQ/edit?usp=sharing

Sprint Backlog

Our Sprint Backlog is a google sheet containing the results out of all of the meetings.
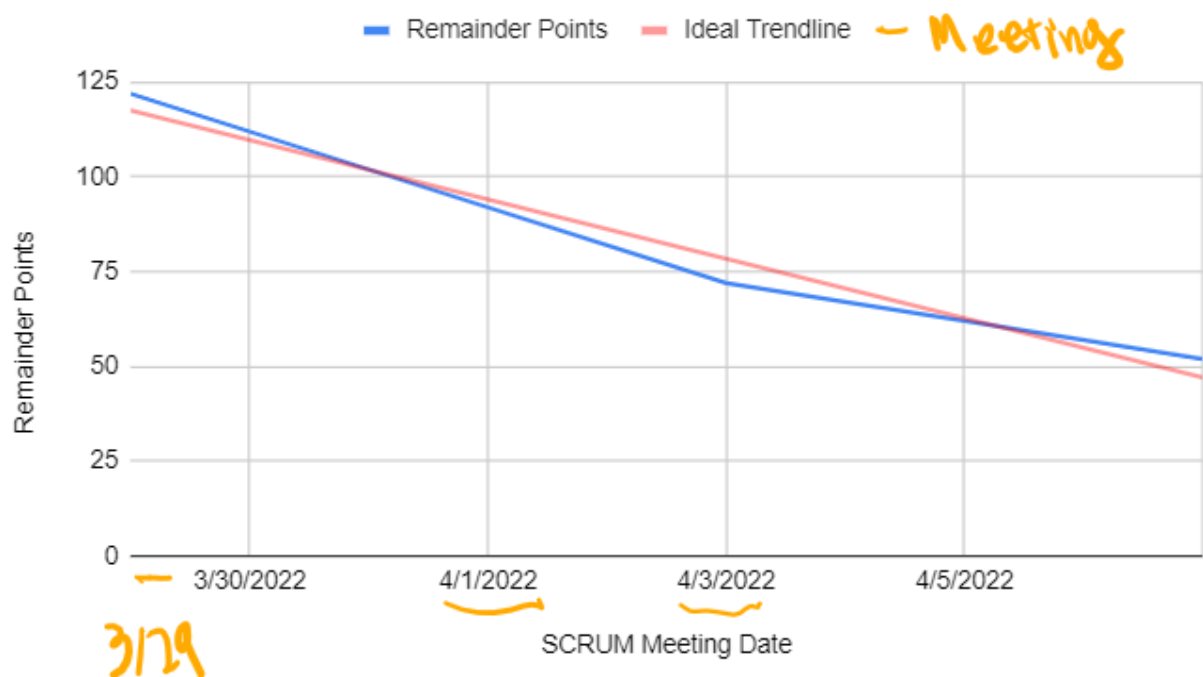https://docs.google.com/spreadsheets/d/1uivgbieTEGgJ0MnBvzdZr76BunNLb5dGfefJ5bDYzpQ/edit?usp=sharing

Summary Tables for points:

	Priyam	Sunhee	Nandani	Ethan
Meeting 1	3	3	1	3
Meeting 2	3	6.5	4	6.5
Meeting 3	7	8	7	5
Totals:	13	17.5	12	14.5
Done so far	57	Not completed:	15	

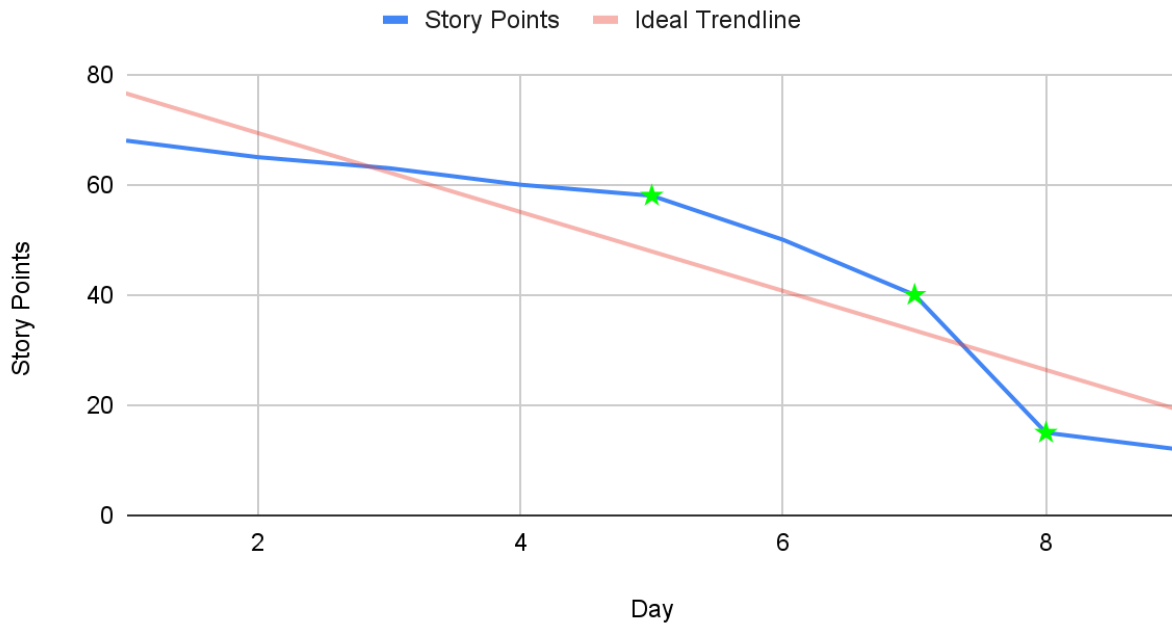# Burn-down Charts

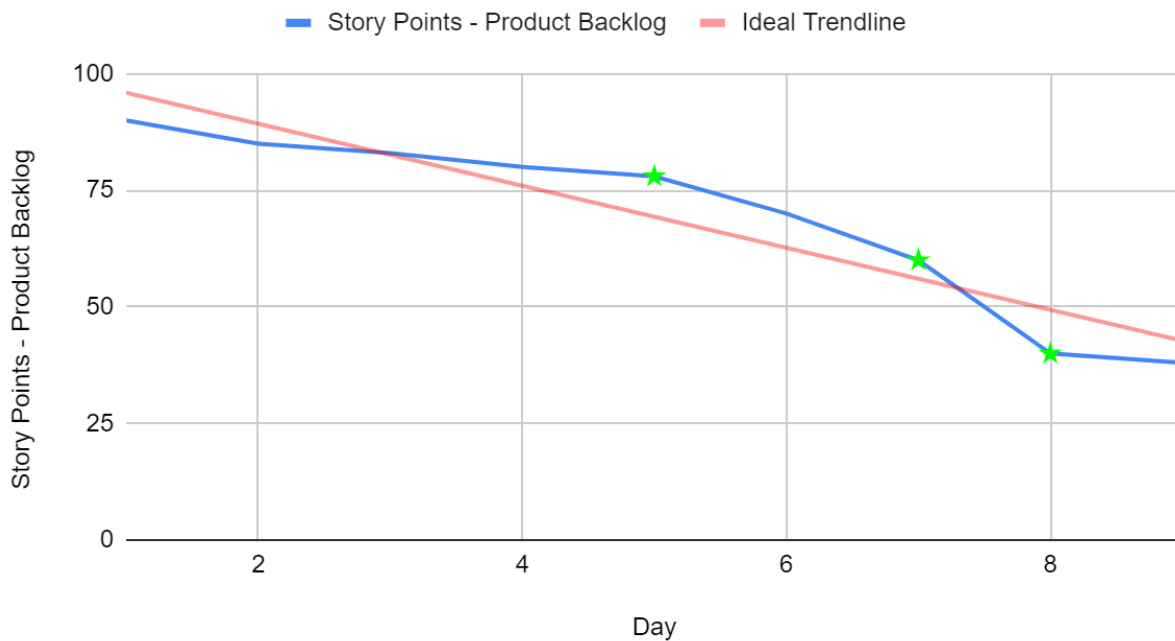**Plan for the Sprint - beginning - hopeful model for backlog**

Story Points vs. Day for Sprint 1 - POST Sprint 1

Green Star marks the SCRUM Meetings

Story Points - Product Backlog vs. Day - POST Sprint 1

Green Star marks the SCRUM Meetings

Next Sprint's SCRUM Meeting Schedule

The next SCRUM meetings will be held on April 10th (Sunday), April 15th (Friday), and April 15th (Monday).

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Sprint 1
Prepared by: Priyam Mishra
Meeting Date: 3/29/22

Meeting Attendees

1.   Ethan Ting
2.   Sunhee Kim
3.   Priyam Mishra
4.   Nandani Janapati

Meeting Agenda Items

- Delegation of tasks coordination and setting expectations for tasks
- Status update for selection of medium for hosting

Status Update Since Last Meeting

Accomplishments:
- Everyone knows what their designated tasks are.
- The hosting site has been selected along with having version control setup

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Selection of hosting site Heroku	Sunhee	yes
Learning to use social media platforms	Priyam	yes

Before The Next Meeting

Plans:
- Make sure sprint backlog reflects the tasks needed for completion
- Check the progress of Tasks on Github to get a feel for current status

Task Assignments:

Task Description	Assigned to

Creation of social media post writer	Priyam/Ethan
Selection of the Food Bank API	Sunhee

Minutes from Previous Meeting

This is the first meeting so there is no previous meeting to discuss.

Meeting Date: 3/31/22

Meeting Attendees

5. Priyam Mishra
6. Sunhee Kim
7. Nandani Janapati
8. Ethan Ting

Meeting Agenda Items

- Implementation and status of APIs working
- Planning associated with the design for Database

Status Update Since Last Meeting

Accomplishments:
- Heroku resource works in the context of hosting a simple application.
- Twitter API is functional but is awaiting approval for guided developer preview.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Selection of the Food Bank API	Sunhee	yes
Creation of social media post writer Tweety	Priyam	yes

Before The Next Meeting

Plans:
- Get some functionality food bank API
- Functionality for database implementation

Task Assignments:

Task Description	Assigned to
Database implementation	Nandani
Implementation for food bank API	Sunhee

Minutes from Previous Meeting

In the past meeting, we were all able to discuss what the starting stage for our project could be and it would include in terms of the APIs and what the selection of languages would look like. The issues associated with the software was also a point of discussion. We all were aware of the issues that could arise as a result of problems that could arise in the case of a project like this one. We also addressed what our prior work looked like.

SCRUM Meeting 3 for Sprint 1
Prepared by: Priyam Mishra
Meeting Date: 4/3/22

Meeting Attendees

9. Priyam Mishra
10. Sunhee Kim
11. Ethan Ting
12. Nandani Janpati

Meeting Agenda Items

- API implementations
- Database functionality

Status Update Since Last Meeting

Accomplishments:
- 2 of the 3 APIs required have some level of functionality
- Database seemed to have validated data and appropriate checks pass

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Database Implementation	Nandani	yes
Implementation of food bank	Sunhee	yes

Before The Next Meeting

Plans:
- Implementation of front end interface
- Implementation of functionality of items

Task Assignments:

Task Description	Assigned to

Front end user interface	Ethan/Priyam
Implementation for login interfaces	Sunhee

Minutes from Previous Meeting

The past meeting was an eye opening experience for us where we were able to tell how we were wrong on some things when designing our initial burndown chart and sprint backlog. Figuring out a bug with the setup environment can even waste about 2 hours of someone's time. This served as a good experience to know about future sprints. Another point of issue came to be in the case of Twitter requiring an advanced developer account which will take multiple days to approve. These are some factors that were really not too apparent to us back when we started the initial project. One of these things was the fact that we had to use new technologies that we had not used before. Another thing we realized is that we should probably reduce the amount of tasks we allocated to the database.