



Sprint 2 Materials

Team 9: Food for All



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Retrospective Summary

For this sprint, we took the feedback for our initial sprint and set that to be our jumping off point for this sprint 2. In our past demo, we had a problem associated with the Twitter API, some forms of different pages for functionality, and database integration for the forms in the hosting site. For the Twitter API, we decided to implement the second version of the Tweepy which caused us to make changes to the settings.py along with the views file as well which took effort and contribution of two members of the team. One of the core elements for our project where we needed to keep track of what the data entered from the user is and then store this into the database which we were using MongoDB. The data fields such as the type of food that is being inputted were necessary fields that were taken, and this was an extension of the tasks in the past tasks of the data table creation. The database integration was also a very integral part of the project, and we had a lot of difficulty hosting this in the beginning half of this project. As we progressed, the delegation of tasks to different team members on that one task really helped with the understanding from different perspectives and ultimately led to our problem to be solved. This led to us finding different solutions



for actually keeping track of the data through the forms and this fed into the database components which led to us to have MVP which we can demo with confidence.

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

https://docs.google.com/spreadsheets/d/1QHptP1uVpCO93_CfaGiZEUFdyYGP-nyJUUsd1ldt8so/edit?usp=sharing

Sprint Backlog

https://docs.google.com/spreadsheets/d/1QHptP1uVpCO93_CfaGiZEUFdyYGP-nyJUUsd1ldt8so/edit?usp=sharing

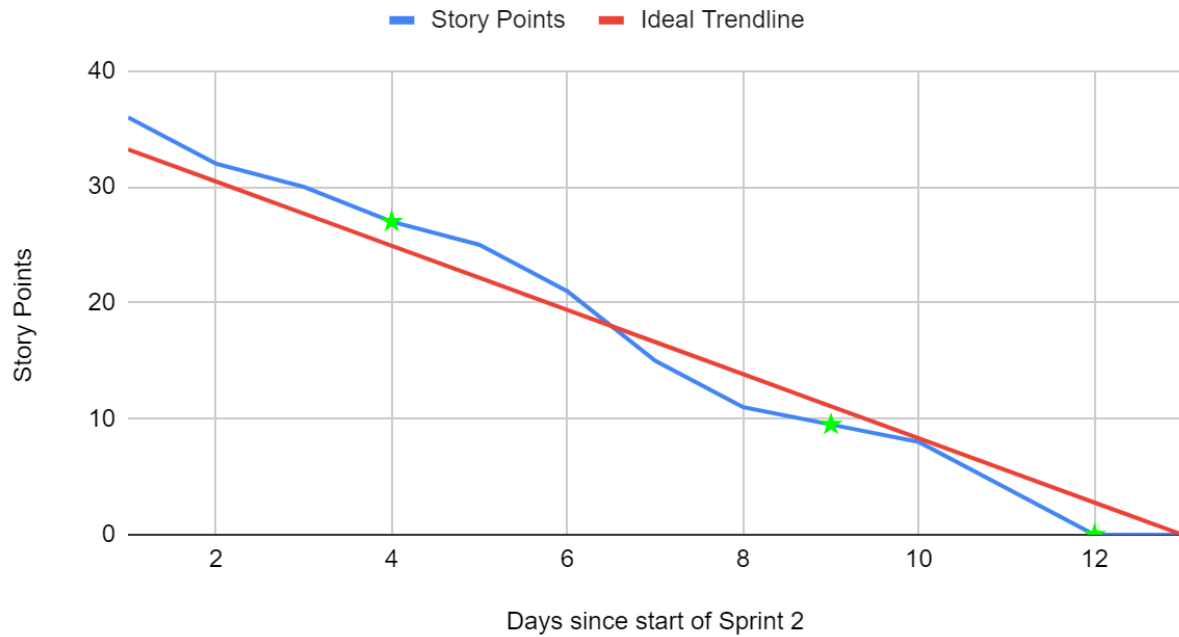
It should also contain a **summary table** that shows the total number of completed user story points for each team member. The summary table should have a column for each sprint completed to date. These will be a factor in your individual contribution assessment.

	PM	SK	ET	NJ
Meeting 1	2	2.5	2	2.5
Meeting 2	4	4	5	4.5
Meeting 3	5	5.5	5.5	2.5
Totals	11	12	12.5	9.5



Burn-down Charts

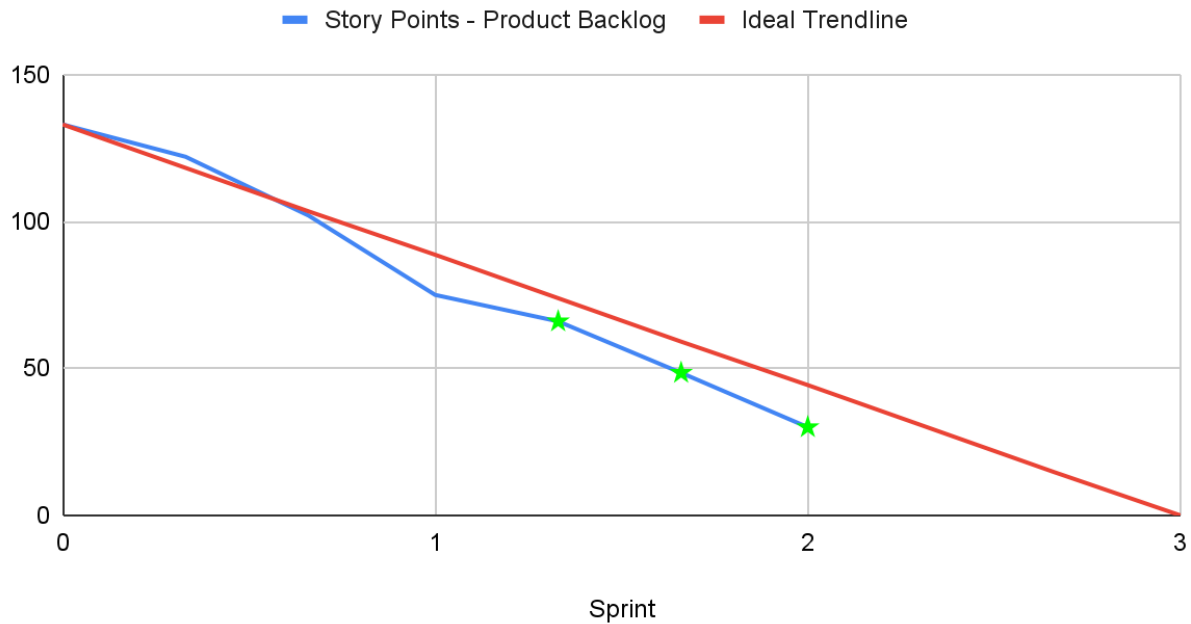
Story Points vs. Day for Sprint 2 - POST Sprint 2



Green stars mark SCRUM meetings for the current sprint



Story Points - Product Backlog and Ideal Trendline



Green stars mark SCRUM meetings for the current sprint

Next Sprint's SCRUM Meeting Schedule

The meeting for the next sprint will take place on April 23rd (Saturday), April 28th (Thursday), and May 1st (Sunday).



Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Food for All - Sprint 2

Prepared by: Priyam Mishra

Meeting Date: 4/10/2022

Meeting Attendees

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

Meeting Agenda Items

- Proper Testing for Twitter API
- Database Integration

Status Update Since Last Meeting

Accomplishments:

- Integration of database on the heroku hosting site
- Integration of APIs on the connection for page

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Database on hosting site	SK/NJ	yes
Front End Design ideas	ET/PM	yes

Before The Next Meeting

Plans:

- Work on perfecting twitter API
- Have clear integration on API interfaces



Task Assignments:

Task Description	Assigned to
Change to Version 2 for Twitter	NJ
Form integration for login	ET

Minutes from Previous Meeting

The past meeting led to my group knowing and seeing actual advancements for our project since we saw all of the APIs falling into place. We also came to realize that a lot of our tasks seemed to take quite a bit longer than expected so we discussed ways to have a more open communication channel and to address other members as problems came up. We also threw around some ideas regarding the user interface to make it look more accessible to match the personas we discussed earlier in the week. We also delegated some tasks moving forward for the next sprint that we were better prepared to handle the deadline of projects in the near future. We are also dedicated to follow a simplistic design moving forward for tasks which may not be apparent when just starting out the project. Overall, we had a good feeling for our demonstration later on Thursday of that week knowing we were prepared.



SCRUM Meeting 2 for Food for All Sprint 2

Prepared by: Priyam Mishra

Meeting Date: 4/15/22

Meeting Attendees

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

Meeting Agenda Items

- Status of Twitter Updates
- Status of minor bugs issues for logins

Status Update Since Last Meeting

Accomplishments:

- Integration of new Twitter API being able to make posts with no failure
- Form integration exploration for idea

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Twitter V2 Upgrade	NJ/SK	Yes
Form Integration for Login	ET	No

Before The Next Meeting

Plans:

- Web design framework for accessibility
- Form integration to database delegation

Task Assignments:

Task Description	Assigned to
Front End Design Integration	PM



Form data handling to Database	ET/SK
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Minutes from Previous Meeting

The past meeting gave us a chance to express what the expectations were going to be like to get a working project by the end of 3 weeks. The demo presentation then allowed us to see what issues would look like in the long run. A problem with the Twitter API came up which needed to be addressed. After some discussion, we started to make suggestions on perhaps a new version of the Twitter API using the bearer token would be a better form of integration for the case of our application. After this, we also tried to cater a task delegation so that each of one us is given a task that actually plays into our skillset. Then we started talking about the use of the database to create an effective solution. Further research needs to be done for a more effective means of storage values and implementation into the database.



SCRUM Meeting 3 for Food for All Sprint 2

Prepared by: Priyam Mishra

Meeting Date: 4/19/22

Meeting Attendees

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

Meeting Agenda Items

- Status of Front End Integration
- Form handling with the html files

Status Update Since Last Meeting

Accomplishments:

- Good front end design layout encompassing some accessibility features
- User inputs are stored in database

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Front End Design Integration	PM	yes
Form data handling to Database	SK/ET	yes

Before The Next Meeting

Plans:

- Test user login and food donations with multiple users
- Verify the validity of nearest food banks

Task Assignments:

Task Description	Assigned to
Test user login and food donations with multiple users	ET



Verify validity of nearest food banks with google or bing maps	NJ

Minutes from Previous Meeting

The last meeting led us to discuss problems related to our database integration with the data that we are able to give it. We were pleasantly surprised to see that the version 2 of twitter did not take very long to complete. The overarching problem was the implementation of forms with our current html file and data sets that need to be resolved to keep track of donors, donations, and expiration dates for food. After 3 days of work, it became apparent to us that this task needed another programmer so Sunhee stepped up to the task and has decided to help Ethan with the task. The supporting tasks related to the Twitter version 2 upgrade was also made available to the rest of the team members and that there would be an access token which would need to be re-entered to the program if it was needed.