



Sprint 3 Materials

Team 28

Jeffrey Slobodkin

Alex Kelley

Alexis Rappa

Christopher Kim

Retrospective Summary

The retrospective meeting for the final sprint began with the team going over a review of the strengths and challenges encountered or experienced during this period. The team first agreed on the strengths of the team that communication was good and that all work is getting done on time. In addition to this the process of GitHub has been extremely consistent leading to little to no merger conflicts and an overall smooth production code. In regard to negatives, there wasn't anything glaring that anyone on the team felt needed to change or was a negative. Sprint 3 progressed very smoothly, and all the remaining tasks were able to get done on time. The team had expressed their content with the current procedure.

As we reviewed the product backlog after the final sprint has been complete it was clear that not many changes were needed as all the requirements had been met. Any tasks that were accomplished in previous sprints either were not needed or got done in subsequent sprints. There were no major setbacks in the process. Overall, there was a sigh of relief among the team that all the features were working, and production was operating smoothly. Any tasks or goals, although basically everything was met, any of the small items that may have slipped through was generally due to workload and having a smaller team with less members. As some members had to take on a significant workload to ensure that even the minimum requirements were met for the sprint.

GitHub Release Link

https://github.com/csce-315-331-2024a/project-3-full-stack-agile-web-907-28/releases/tag/Sprint_3_FINAL



Product Backlog



Task #	Task Name	Priority	Dependencies	Story Points	Status	Assigned Member
1	Setting up Frontend Framework	1	N/A	2	Complete	Jeffrey Slobodkin
2	Setting up Backend Framework	1	N/A	2	Complete	Jeffrey Slobodkin
3	Create user authentication login for each type of user	2	2	2	Complete	Jeffrey Slobodkin
4	Set up menu item page	2	1,3	1	Complete	Jeffrey Slobodkin
5	Set up google ouath for users to sign in	2	1,3	1	Complete	Jeffrey Slobodkin
6	Set up NextUI framework for frontend	2	2	2	Complete	Alex Kelley
7	Create footer component	2	6	1	Complete	Alexis Rappa
8	Add elements to footer component for accessibility	3	1,2	1	In Progress	Alexis Rappa
9	Set up credential restrictions between pages	3	1,2	2	Complete	Alex Kelley
10	Implement API call for weather API	3	1,2	1	Complete	Christopher Kim
11	Add weather API element to frontend	3	1,2	1	Complete	Christopher Kim
12	Add functionality to menu items based on weather api	4	10	1	In Progress	Christopher Kim
13	Accessibility to create bigger font with a button	4	10	1	Not Started	Alexis Rappa
14	Allow users to reconfigure their credentials	5	8,10	1	Complete	Alex Kelley
15	Create tests for Sprint 1 tasks	5	1	1	In Progress	Jeffrey Slobodkin
16	Create shopping cart for orders in cashier	1	1	1	Complete	Jeffrey Slobodkin
17	Allow cashiers to place orders for customers	2	1	1	Complete	Jeffrey Slobodkin
18	Allow customers to place orders	3	1	1	Complete	Jeffrey Slobodkin
19	Allow customers & cashiers to remove items from orders	3	1	1	Complete	Jeffrey Slobodkin
20	Implement menu/inventory view & editing (manager)	1	1	2	Complete	Alex Kelley
21	Implement statistical summaries (manager)	2	1	1	Complete	Alex Kelley
22	Implement employee management (manager)	3	1	2	Complete	Alex Kelley



23	Implement translate API	1	1	1	Complete	Christopher Kim
24	Create a translate component	2	N/A	.5	Complete	Christopher Kim
25	Implement text to speech API	1	1	1	Complete	Christopher Kim
26	Create a text to speech component	2	1	.5	Complete	Christopher Kim
27	Pop up for accessibility options in the footer	1	N/A	0.5	Complete	Alexis Rappa
28	Use linter to make sure the contrast across pages is accessible	1	N/A	1	Complete	Alexis Rappa
29	Implement the translate api in the frontend of the footer	1	N/A	1	Complete	Alexis Rappa
30	Allow users to either zoom in or enlarge font size on a page	1	1	1	In progress	Alexis Rappa
31	Create tests for up to 50 percent coverage	5	N/A	0.5	complete	Jeffrey Slobodkin
32	Inventory dashboard to include reports from previous project	1	1	0.5	complete	Jeffrey Slobodkin
33	Inventory Usage Chart inside of inventory dashboard	3	1	0.5	complete	Jeffrey Slobodkin
34	Restock report for inventory items in dashboard	2		2	complete	Jeffrey Slobodkin
35	Excess Report of inventory items inside of inventory dashboard	2	3	1	complete	Jeffrey Slobodkin
36	Design layout for report dashboards	2	3	1	complete	Alex Kelley
37	Set up sales dashboard	3	3	1	complete	Alex Kelley
38	Sales over time (line chart)	3	4	2	complete	Alex Kelley
39	Sales by category (pie chart)	3	4	0.5	complete	Alex Kelley
40	Commonly sold together items summary	3	4	0.5	complete	Alex Kelley
41	Implement Text to Speech	3	2	0.5	complete	Christopher Kim
42	Write tests for text to speech	3	3	1	complete	Christopher Kim
43	Increase accessibility check score to 85+	3	7	2	complete	Jeffrey Slobodkin
44	Write tests for new APIs and functions	3	7	0.5	complete	Christopher Kim
45	Add Screen reader attributes	3	7	0.5	complete	Christopher Kim



46	Add in alt text for images	3	7	0.5	complete	Christopher Kim
47	Make sure features meet accessibility needs	3	7	1	complete	Jeffrey Slobodkin
48	Get color contrasting to work	3	7	1	complete	Alexis Rappa
49	Add color contrasting dependent on weather	3	7	1	complete	Alexis Rappa
50	Integrate features into button	4	7	0.5	complete	Alexis Rappa

Sprint Backlog

Task #	Task Name	User Story Points	Status	Assigned Member	Time Spent
1	Create tests for up to 50 percent coverage	1	complete	Jeffrey Slobodkin	5
2	Inventory dashboard to include reports from previous project	2	complete	Jeffrey Slobodkin	3
3	Inventory Usage Chart inside of inventory dashboard	1	complete	Jeffrey Slobodkin	1
4	Restock report for inventory items in dashboard	1	complete	Jeffrey Slobodkin	1
5	Excess Report of inventory items inside of inventory dashboard	1	complete	Jeffrey Slobodkin	1
6	Design layout for report dashboards	1	complete	Alex Kelley	1
7	Set up sales dashboard	1	complete	Alex Kelley	1
8	Sales over time (line chart)	1	complete	Alex Kelley	1
9	Sales by category (pie chart)	1	complete	Alex Kelley	1
10	Commonly sold together items summary	1	complete	Alex Kelley	1
11	Implement Text to Speech	2	complete	Christopher Kim	2
12	Write tests for text to speech	1	complete	Christopher Kim	1
13	Increase accessibility check score to 85+	.5	complete	Jeffrey Slobodkin	1
14	Write tests for new APIs and functions	1	complete	Christopher Kim	1



15	Add Screen reader attributes	1	complete	Christopher Kim	1
16	Add in alt text for images	0.5	complete	Chrstopher Kim	1
17	Make sure features meet accessibility needs	0.5	complete	Jeffrey Slobodkin	1
18	Get color contrasting to work	1	complete	Alexis Rappa	1
19	Add color contrasting dependent on weather	1	complete	Alexis Rappa	1
20	Integrate features into button	1	complete	Alexis Rappa	1

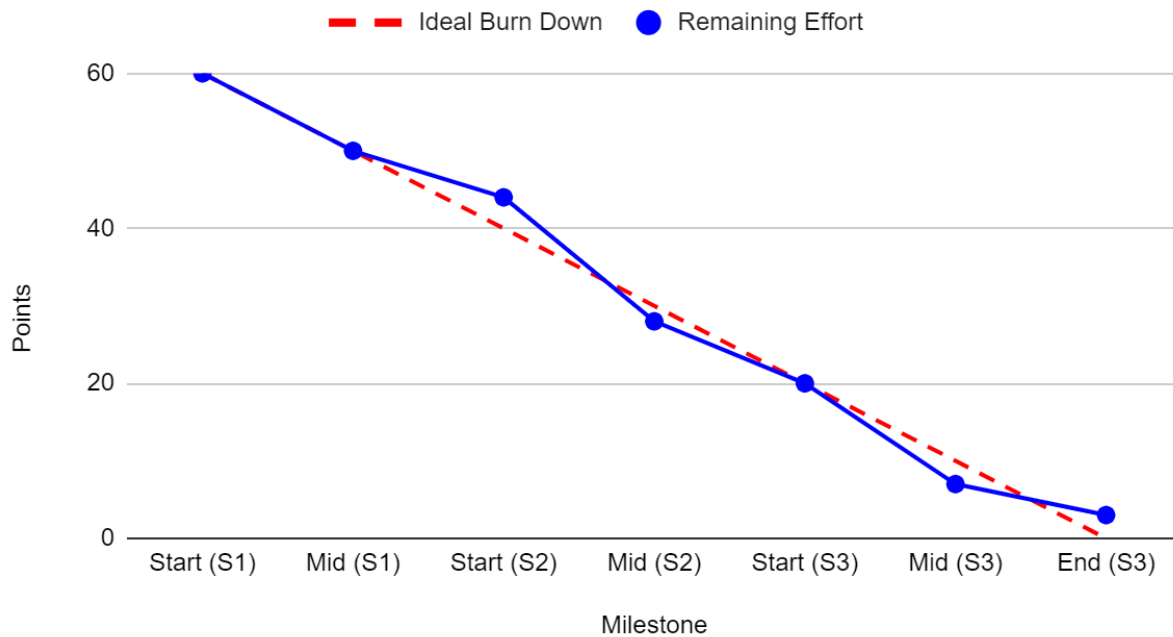
Summary Table

Team Member	Sprint 1	Sprint 2	Sprint 3	Total Points
Jeffrey Slobodkin	8	10	6.5	24.5
Alex Kelley	6	5.5	5	16.5
Christopher Kim	3	1.5	5.5	10
Alexis Rappa	1	2	3	6

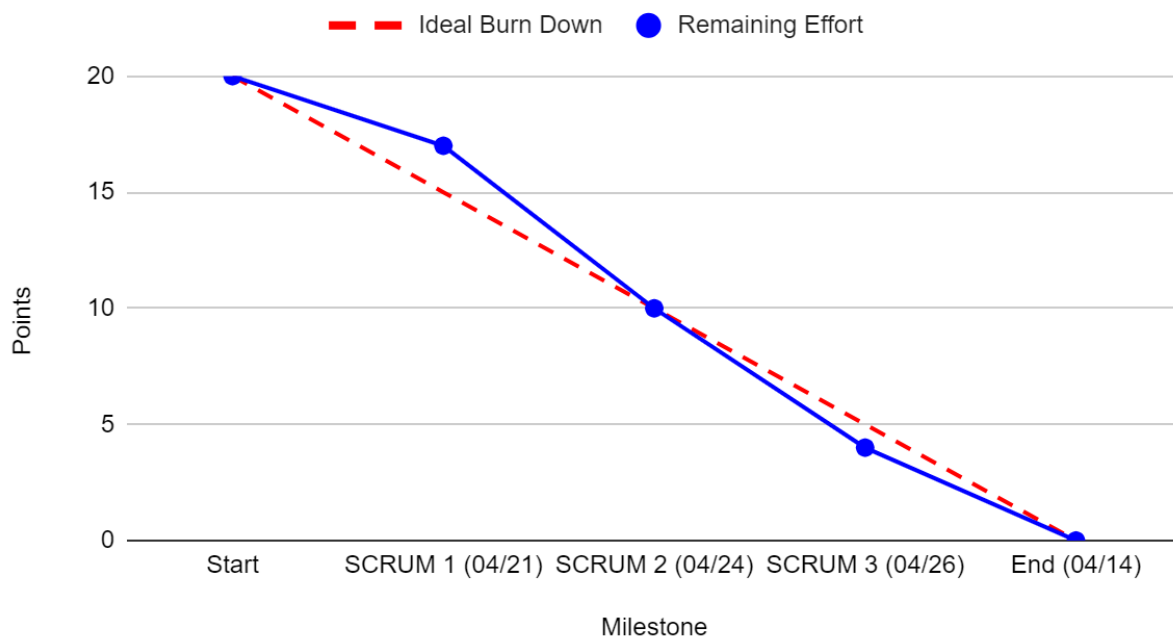
Burn-down Charts



Product Burn Down Chart



Sprint 3 Burn-Down Chart



Next Sprint's SCRUM Meeting Schedule



Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Sprint 3
Prepared by: Jeffrey Slobodkin
Meeting Date: 04/21/24

Meeting Attendees

1. Jeffrey Slobodkin
2. Alex Kelley
3. Alexis Rappa
4. Christopher Kim

Meeting Agenda Items

- What has everyone worked on?
- What is everyone doing today?
- Are we on track for the second GitHub release and what needs to be done?

Status Update Since Last Meeting

Accomplishments:

- Alex has begun work on the manager reports by creating the foundation in the code.
- Jeff created tests to reach 50 percent coverage on many files.
- Alexis has been making progress on Text enlargement.
- Chris has completed the text to speech API implementation.
- Accessibility Score reached 85+.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Text to Speech	Christopher Kim	Yes
Test coverage to 50%	Jeffrey Slobodkin	Yes
Accessibility of 85+	Jeffrey Slobodkin	Yes
Set up Sales Dashboard	Alex Kelley	Yes



Before The Next Meeting

Plans:

- Continue to write more test cases for the features and APIs implemented.
- Get Inventory and Sales dashboards/reports complete.
- Complete weather application on theme and color.
- Add alt text to images so they show up.

Task Assignments:

Task Description	Assigned to
Display of alt text for all images	Christopher Kim
Inventory Dashboard which has restock report, excess report and inventory usage chart	Jeffrey Slobodkin
Sales Dashboard which includes Sales over time chart, sales by category	Alex Kelley
Complete weather application on theme and color	Alexis Rappa

Minutes from Previous Meeting

In the previous SCRUM meeting the team went over the first wave of work done throughout this sprint in an organized fashion. It first covered what work has gotten done, both tasks and features that have already been completed since the start of the sprint as well as what tasks have been started or progressed on. Next in the meeting each member went over what was going to be worked on that day in terms of starting a new task or continuing to work on and/or finishing a task or feature. Finally, the team lead went over a summary of where the team was at to make sure everyone was on track to get the work done for the next GitHub release.



SCRUM Meeting 2 for Sprint 3
Prepared by: Jeffrey Slobodkin
Meeting Date: 04/24/24

Meeting Attendees

1. Jeffrey Slobodkin
2. Alex Kelley
3. Alexis Rappa
4. Christopher Kim

Meeting Agenda Items

- What has everyone worked on?
- What is everyone doing today?
- Are we on track for the second Github release and what needs to be done?

Status Update Since Last Meeting

Accomplishments:

- The Restock Report has been completed.
- The Excess Report has been completed.
- Sales by category pie chart has been completed.
- Commonly sold together items summary has been complete.
- Sales over time chart has been complete,
- Added alt text display for screen readers.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Restock Report in the Inventory dashboard	Jeffrey Slobodkin	Yes
Excess Report in the Inventory Dashboard	Jeffrey Slobodkin	Yes
Sales by Category pie chart in sales dashboard	Alex Kelley	Yes
What Sells Together report in the sales dashboard	Alex Kelley	Yes
Sales over time line chart in the sales dashboard	Alex Kelley	Yes
Added alt text on images to display for screen readers	Christopher Kim	Yes



Before The Next Meeting

Plans:

- Create the Inventory Usage Chart for the inventory manager dashboard
- Complete weather and theme feature
- Create tests to reach 50 percent coverage on any new files
- Fix bugs involving creating a new menu item with the ingredients displaying the name
- Allow order history to show name of the customer instead of customer id

Task Assignments:

Task Description	Assigned to
Allow order history to show name of the customer instead of customer id	Jeffrey Slobodkin
Create the Inventory Usage Chart for the inventory manager dashboard	Jeffrey Slobodkin
Complete weather and theme feature	Alexis Rappa
Fix bugs involving creating a new menu item with the ingredients displaying the name	Alex Kelley
Create tests to reach 50 percent coverage on any new files	Chrsitopher Kim

Minutes from Previous Meeting

The previous meeting showed a lot of progress being made in this sprint as each member went over the tasks they had completed and work they had been getting done since the previous SCRUM meeting. It was clear that a lot of progress was made regarding the dashboards that have the reports. Next the team discussed what was going to get done that day and onward as the final stretch was approaching. Each member still had tasks to complete. Finally, the meeting was concluded by going over whether we were on track for the final GitHub release and the final completeness demo.



SCRUM Meeting 3 for Sprint 3
Prepared by: Jeffrey Slobodkin
Meeting Date: 04/26/24

Meeting Attendees

5. Jeffrey Slobodkin
6. Alex Kelley
7. Alexis Rappa
8. Christopher Kim

Meeting Agenda Items

- What has everyone worked on?
- What is everyone doing today?
- Are we on track for the second GitHub release and what needs to be done?

Status Update Since Last Meeting

Accomplishments:

- Fixed order history to show name of customer and notify customers when their order is fulfilled.
- Inventory Usage Bar Chart in the Inventory Dashboard has been complete.
- Bug fixes involve creating a menu item and editing ingredients in a menu item.
- Test cases have been made.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Fixed order history to show name of customer and notify customers when their order is fulfilled.	Jeffrey Slobodkin	Yes
Inventory Usage Bar Chart in the Inventory Dashboard has been complete	Jeffrey Slobodkin	Yes
Bug fixes involve creating a menu item and editing ingredients in a menu item.	Alex Kelley	Yes
Test cases have been made.	Christopher Kim	Yes



Before The Next Meeting

Plans:

- Finalize code for release.
- Make sure everything is commented correctly for documentation and no glaring bugs.

Task Assignments:

Task Description	Assigned to
Clean code for release	Jeffrey Slobodkin
Commented Code for documentation	Alex Kelley
Fix key in sales chart	Alex Kelley

Minutes from Previous Meeting

In the previous meeting we began with discussing what everyone had worked on since the last meeting. It was clear that almost everyone was done with what they had planned to get done for the sprint. Went over what was going to be done, which was mostly about cleaning up and finalizing the code. Finally we talked about how we were ready for the GitHub release and that after the code was cleaned up it would be ready to turn in.



TEXAS A&M UNIVERSITY

Department of Computer
Science & Engineering

CSCE 331: Foundations of Software Engineering
Project 3 – Full Stack Development with Agile
