# 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 tat 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 | Chrstopher 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

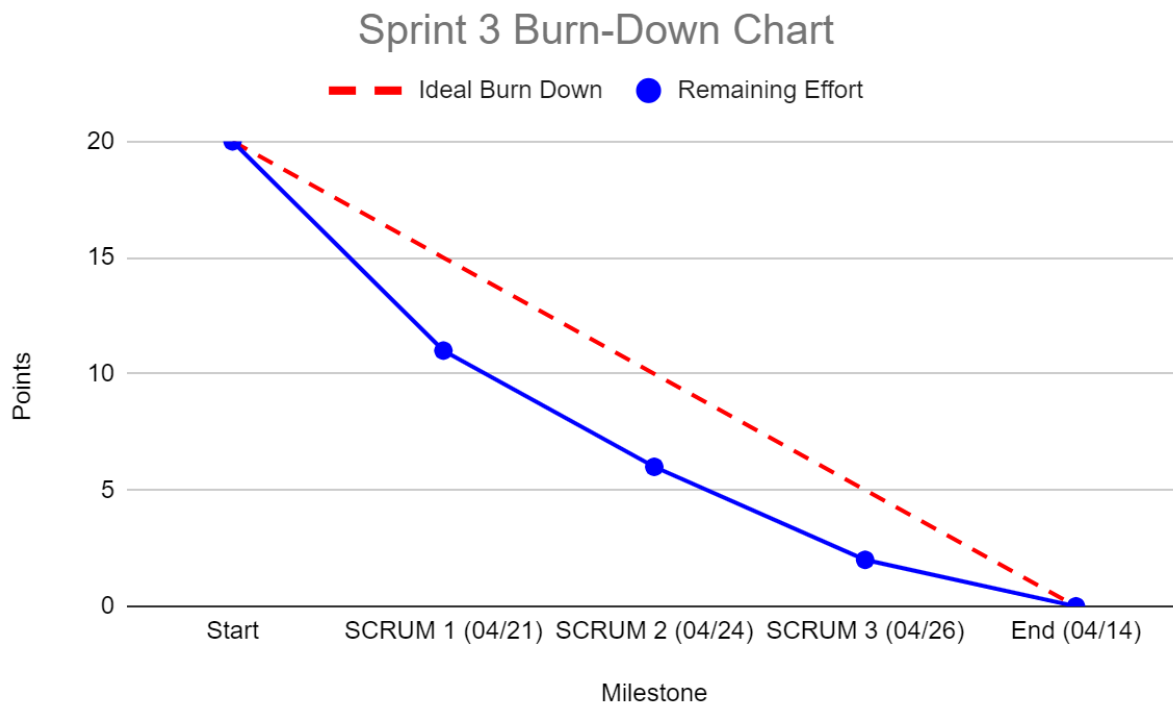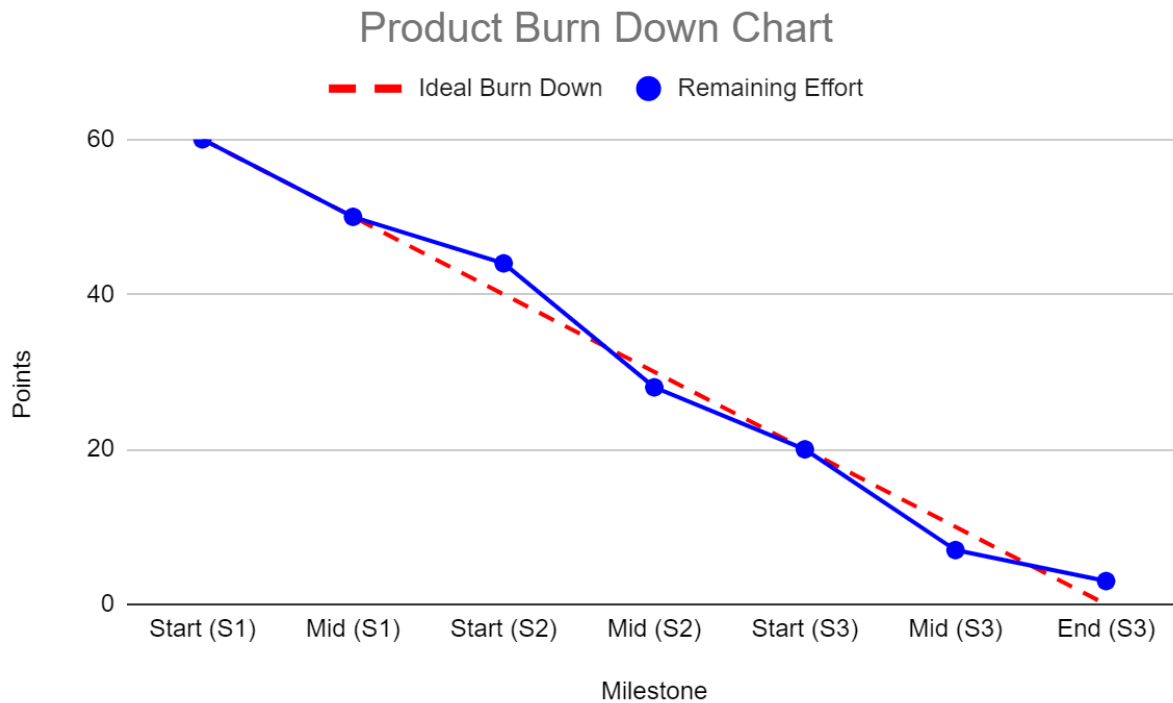| Task # | Task Name | User Story Points | Status | Assigned Member | Time Spent |
|---|---|---|---|---|---|
| 1 | Create tests for up to 50 percent coverage | 1 | complete | Jeffrey Slobodkin | 5 |
| 2 | Inventory dashboard to include reports from previous project | 2 | complete | Jeffrey Slobodkin | 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

- - - Ideal Burn Down   ● Remaining Effort



## Sprint 3 Burn-Down Chart

- - - Ideal Burn Down   ● Remaining Effort



# 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.