Sprint 3 Materials

Digital Dawg Pack

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Retrospective Summary

At the end of Sprint 3, we have one word to summarize how we feel about this project: Stressed. This has been a long development process for everyone on this team, but we are glad we have made it through. During the third Sprint, all members came together with one goal in mind, to complete this Web Application. This third Sprint was easily the most amount of work any of us have had to put in so far. Every member has been able to focus their efforts on this Project alone, rather than have to deal with exams or weekend events. One thing we have done right this Sprint is the constant communication between members. We have all been working together to accomplish our deliverables and goals, which makes communication vital so one member is not working on something they do not need to be. As of writing this document, we have met almost all of our goals, except for a few finishing touches. With the introduction of the final deliverables page only 2 weeks before the deadline, we have been working diligently to meet all the requirements needed. It caused

a change in the product backlog, which introduced more tasks to the project. Since the new deliverables were released, it showed us how much we underestimated how long each task would take. This has caused the work we have done in Sprint 3 to be significantly higher than any prior Sprint before. Now that we are at the end of this project, each member can confidently say they have learned how to create and develop a Web Application. Our approach to this Project was not the easiest, considering we used Java and Javascript, but the fruits of our labor have shown in how we have managed to create a viable application that could be used in the real world.

GitHub Release Link

[Github Release v3.0](#)

Product Backlog

Time Estimates Range from (1-5), where 1 is "not very long" and 5 is "intensive work needed"

Priorities range from (LOW, MED, HIGH)

Setting up Development Environment
        This set of tasks are dependent on each developer having our frameworks setup along with general knowledge of how to start the Web Server on their own
- 1. Installing Angularjs and Spring Boot (2) **HIGH**
  - Status: Completed
- 2. Sketch initial UI (1) **MED**
  - Status: Completed
- 3. Create a basic UI not including all aspects (3) **HIGH**
  - Status: Completed
- 4. Incorporate 1 functionality of our existing java backend to the front end (1) **LOW**
  - Status: Completed
- 5. Deploy web app to server (2) **HIGH**
  - Status: Completed
- 6. All members on team can run the web app (4) **HIGH**
  - Status: Completed

Create Hosted SQL Server on AWS
        This set of tasks is dependent on if the postgres login works. Once in, updating the database does not depend on anything else

- 7. Migrate database content into new database (3) **HIGH**
    - Status: Completed
- 8. Update database schema (2) **HIGH**
    - Status: Completed
- 9. Deploy database to web server and ensure database is working properly (3) **HIGH**
    - Status: Completed

Development of Menu Board Page

All Tasks Dependent on creation of Database and deployment of Web Server

- 10. Create eye catching design for listing all menu items (4) **HIGH**
    - Status: Completed
- 11. Display menu in an easy to read and engaging way (2) **MED**
    - Status: Completed
- 12. Implement dynamic designs that show changing pictures (4) **HIGH**
    - Status: Completed
- 13. Integrate with database (2) **HIGH**
    - Status: Completed
- 14. Make customizable in response to additions to menu (4) **HIGH**
    - Status: Completed
- 15. Integrate keyboard navigation through the page (3) **MED**
    - Status: Completion

Development of Customer Page

All Tasks Dependent on creation of Database and deployment of Web Server

- 16. Create an ordering interface that is simple to navigate for the general public (4) **HIGH**
    - Status: Completed
- 17. Make the design visually appealing for a casual user (1) **LOW**
    - Status: Completed
- 18. Make use of images for menu items (2) **MED**
    - Status: Completed
- 19. Implement customization for each item in the order (3) **MED**
    - Status: Completed
- 20. Integrate with database (2) **HIGH**
    - Status: Completed
- 21. Include simple and obvious instructions for use (1) **LOW**
    - Status: Completed
- 22. Integrate accessibility features (5) **HIGH**
    - Status: Completed
- 23. Include dynamic updating of the page (3) **HIGH**
    - Status: Completed

Development of Cashier Page

All Tasks Dependent on creation of Database and deployment of Web Server

- 24. Layout buttons in a fast and efficient manner to respond to customers order (3) **HIGH**
  - Status: Completed
- 25. Minimize number of different pages involved (1) **LOW**
  - Status: Completed
- 26. Implement updating order list to track current order and total pricing (1) **LOW**
  - Status: Completed
- 27. Use dynamic buttons for each item to add and remove ingredients to suit the customers specifications (3) **HIGH**
  - Status: Completed
- 28. Implement logic to create buttons for special items that are dynamically added (3) **LOW**
  - Status: Completed
- 29. Integrate with the database (2) **HIGH**
  - Status: Completed
- 30. Implement taking items off the current order (1) **MED**
  - Status: Completed
- 31. Implement a cancel order system (1) **LOW**
  - Status: Completed

Development of Manager Page

All Tasks Dependent on creation of Database and deployment of Web Server

- 32. Layout buttons in a fast and efficient manner to respond to customers order (1) **HIGH**
  - Status: Completed
- 33. Minimize number of different pages involved (1) **LOW**
  - Status: Completed
- 34. Implement updating order list to track current order and total pricing (1) **MED**
  - Status: Completed
- 35. Use dynamic buttons for each item to add and remove ingredients to suit the customers specifications (1) **HIGH**
  - Status: Completed
- 36. Allow managers to add new menu items and specify their limited time frame if seasonal (2) **MED**
  - Status: Completed
- 37. Implement logic to update page with new buttons for special items that are dynamically added (2) **HIGH**
  - Status: Completed
- 38. Implement trend charts based on time interval (2) **MED**
  - Status: In Progress
- 39. Integrate with the database (2) **HIGH**

- ○ Status: Completed

API Integration into Web Page

      All tasks are dependent on each of their respective pages being completed. Tasks can be done in any order, but if the page is not completed, then API integration could cause issues

- 40. Learn architecture of Google Authentication API (api keys, libraries/dependencies in spring-boot) (4) **HIGH**
  1. Decide whether we need to request from the backend to do more business logic or request straight from the front end
  2. Create either front end logic or front end + back end logic.
- 41. Learn structure of openweather API (api keys, libraries/dependencies in spring-boot) (4) **HIGH**
  - ○ Repeat steps 1, 2 from above
- 42. Learn structure of google translate API(api keys, libraries/dependencies in spring-boot) (4) **HIGH**
  - ○ Repeat steps 1, 2 from above
- 43. Implement Authentication Login Page (2) **HIGH**
  - ○ Status: Completed
- 44. Integrate Authentication into Manager Page (similar to task 44) (1) **MED**
  - ○ Status: Completed
- 45. Implement weather module into menu page (2) **MED**
  - ○ Status: Completed
- 46. Integrate dynamic naming of items based on current weather (3) **HIGH**
  - ○ Status: In Progress
- 47. Implement translation API into Menu Page (3) **HIGH**
  - ○ Status: Completed
- 48. Implement translation API into Customer Page (2) **HIGH**
  - ○ Status: Completed

Web Accessibility Tasks

      All tasks are dependent on each of their respective pages being completed. Once each page is done, adding accessibility is along the lines of updating format, color, size, etc.

- 49. Ensure all non-text content on the web app has a text alternative (2) **HIGH**
  - ○ Status: In Progress
- 50. Ensure that the content is adaptable (presented in different ways without losing information) (3) **HIGH**
  - ○ Status: In Progress
- 51. Ensuring that content is easier for users to see and hear. Separating content from background. (3) **MED**
  - ○ Status: In Progress

- 52. Ensuring implementation features for Carol (3) **HIGH**
  - Status: In Progress
- 53. Ensuring implementation features for Maria. (3) **HIGH**
  - Status: In Progress
- 54. Ensuring implementation features for Lea. (3) **HIGH**
  - Status: In Progress
- 55. Ensuring keyboard accessibility. (3) **HIGH**
  - Status: Completed
- 56. Ensuring users enough time to read and use content (1) **LOW**
  - Status: Completed
- 57. Ensuring minimization of seizure and physical reaction provoking responses (1) **LOW**
  - Status: In Progress
- 58. Ensuring Navigation accessibility (3) **HIGH**
  - Status: In Progress
- 59. Ensuring multiple input modalities (3) **LOW**
  - Status: In Progress
- 60. Ensuring readability and clear/understandable text. (2) **MED**
  - Status: In Progress
- 61. Ensuring predictability (2) **LOW**
  - Status: In Progress
- 62. Input assistance (help users avoid and correct mistakes) (2) **LOW**
  - Status: In Progress

ADDED TASKS DURING SPRINT 3

Development of Admin Page

- 63. Add a new navigation to the Administration page. (2) **HIGH**
  - Status: Completed
- 64. Sketch user interface/design of administrator functionality (1) **HIGH**
  - Status: Completed
- 65. Create an administrator page. (5) **HIGH**
  - Status: Completed
- 66. Integrate with database and backend (3) **HIGH**
  - Status: Completed
- 67. Create an authentication system using either google authentication with a mix of pin pad verification. (4) **HIGH**
  - Status: Completed
  -

Development of Landing Page

- 68. Change the styling and layout of the landing page (3) **HIGH**
  - Status: Completed
- 69. Set up dynamic linking to different pages (2) **MED**
  - Status: Completed

Sprint Backlog

Development of Menu Board Page

1. Implement dynamic designs that show changing pictures (4) **HIGH**
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 2.
Status: In Progress

2. Integrate keyboard navigation through the page (3) MED -
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 3.
Status: Completed

3. Learn Architecture of weather API integration (3) **HIGH** -
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 3.
Status: Completed

4. Add weather API integration on the menu board (4) **HIGH** -
 Assigned to: Jacob Kuruvilla.
Actual Time Spent: 4.
Status: Completed

Development of Customer Page

 5. Make the design visually appealing for a casual user (1) **LOW** -
Assigned to: Hayden O'Keefe and Ethan Woods.
Actual Time Spent: 1
Status: Completed

6. Make use of images for menu items (2) **MED** -
Assigned to: Hayden O'Keefe and Ethan Woods.
Actual Time Spent: 2.
Status: Completed

7. Implement customization for each item in the order (3) **MED** -
 Assigned to: Hayden O'Keefe and Ethan Woods.
Actual Time Spent: 3.
Status: Completed

8. Finish Implementing ordering system (5) **HIGH**
Assigned to: Hayden O'Keefe
Actual Time Spent: 5
Status: Completed

Development of Cashier Page
 9. Minimize number of different pages involved (1) **LOW** -
 Assigned to: Kaghan Odom.
Actual Time Spent: 1
Status: Completed

10. Use dynamic buttons for each item to add and remove ingredients to suit the customers
specifications (3) **HIGH**
Assigned to: Kaghan Odom.
Actual Time Spent: 3.
Status: Completed

11. Implement taking items off the current order (1) **MED** -
Assigned to: Kaghan Odom.
Actual Time Spent: 1
Status: Completed

12. Implement a cancel order system (1) **LOW** -
Assigned to: Kaghan Odom.
Actual Time Spent: 1.
Status: Completed

Development of Manager Page
 13. Minimize number of different pages involved (1) **LOW** -
Assigned to: Chance Hughes and Quinn Bromley
Actual Time Spent: 1
Status: Completed

14. Implement trend charts based on time interval (5) **MED** -
Assigned to: Chance Hughes
Actual Time Spent: 5
Status: Completed

Development of Admin Page

15. Add a new navigation to the Administration page. (2) **HIGH** -
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 2.
Status: Completed

16. Sketch user interface/design of administrator functionality (1) **HIGH** -
 Assigned to: Jacob Kuruvilla.
Actual Time Spent: 1
Status: Completed

17. Create an administrator page. (5) **HIGH** -
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 5
Status: Completed

18. Integrate with database and backend (3) **HIGH** -
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 3
Status: Completed

19. Create an authentication system using either google authentication with a mix of pin pad
verification. (4) **HIGH** -
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 4
Status: Completed

Development of Landing Page

 20. Change the styling and layout of the landing page (3) **LOW**
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 3
Status: Completed

21. Set up dynamic linking to different pages (2) **MED**
Assigned to: Jacob Kuruvilla
Actual Time Spent: 2
Status: Completed

API Integration into Web Page

22. Learn architecture of Google Authentication API (api keys, libraries/dependencies in spring-boot) (4) **HIGH**
Assigned to: Quinn Bromley, Jacob Kuruvilla
Actual Time Spent: 4
Status: Completed

23. Learn structure of google translate API (api keys, libraries/dependencies in spring-boot) (4) **HIGH**
Assigned to: Ethan Woods and Hayden O' Keefe.
Actual Time Spent: 4
Status: Completed

24. Implement Authentication Login Page (2) **HIGH**
Assigned to: Hayden O' Keefe.
Actual Time Spent: 2
Status: Completed

25. Integrate Authentication into Manager Page (1) **MED**
Assigned to: Chance Hughes.
Actual Time Spent: 1
Status: Completed

26. Implement weather module into menu page (2) **MED**
Assigned to: Jacob Kuruvilla.
Actual Time Spent: 2
Status: Completed

27. Integrate dynamic naming of items based on current weather (3) **HIGH**
Assigned to: Ethan Woods
Actual Time Spent: 2
Status: In Progress

28. Implement translation API into Menu Page (3) **HIGH**
Assigned to: Ethan Woods.
Actual Time Spent: 3
Status: Completed

29. Implement translation API into Customer Page (2) **HIGH**
Assigned to: Hayden O'Keefe.
Actual Time Spent: 2
Status: Completed

Web Accessibility Tasks
 30. Ensure all non-text content on the web app has a text alternative (2) **HIGH**
Assigned to: Kaghan Odom.
Actual Time Spent: 2
Status: Completed

31. Ensure that the content is adaptable (3) **HIGH**
Assigned to: Kaghan Odom.
Actual Time Spent: 2
Status: In Progress

32. Ensuring that content is easier for users to see and hear (3) **MED**
Assigned to: Quinn Bromley.
Actual Time Spent: 2
Status: In Progress

33. Ensuring implementation features for Carol (3) **HIGH**
Assigned to: Chance Hughes
Actual Time Spent: 2
Status: In Progress

34. Ensuring implementation features for Maria. (3) **HIGH**
Assigned to: Ethan Woods
Actual Time Spent: 3
Status: Completed

35. Ensuring implementation features for Lea. (3) **HIGH**
Assigned to: Quinn Bromley
Actual Time Spent: 2.
Status: In Progress

36. Ensuring keyboard accessibility. (3) **HIGH**
Assigned to: Ethan Woods and Quinn Bromley.
Actual Time Spent: 2.
Status: In Progress

37. Ensuring users enough time to read and use content (1) **LOW**
Assigned to: Ethan Woods
Actual Time Spent: 1
Status: Completed

38. Ensuring minimization of seizure and physical reaction provoking responses (1) **LOW**
Assigned to: Kaghan Odom.
Actual Time Spent: 1.
Status: Completed

39. Ensuring Navigation accessibility (3) **HIGH**
Assigned to: Hayden O'Keefe.
Actual Time Spent: 2
Status: In Progress

40. Ensuring multiple input modalities (3) **LOW**
Assigned to: Quinn Bromley.
Actual Time Spent: 2
Status: In Progress

41. Ensuring readability and clear/understandable text. (2) **MED**
Assigned to: Ethan Woods.
Actual Time Spent: 1
Status: In Progress

42. Ensuring predictability (2) **LOW**
Assigned to: Chance Hughes.
Actual Time Spent: 1
Status: In Progress

43. Input assistance (help users avoid and correct mistakes) (2) **LOW**
Assigned to: Kaghan Odom.
Actual Time Spent: 1
Status: In Progress

ADDED TASKS

44. Development and Integration of Testing (5) **HIGH**
Assigned to: Ethan Woods
Actual Time Spent: 3
Status: In Progress

45. Finishing and Integration of Backend of Cashier Ordering System (5) **HIGH**
Assigned to: Kaghan Odom.
Actual Time Spent: 5
Status: Completed

46. Creation and Integration of Kitchen Page (5) **HIGH**
Assigned to: Quinn Bromley
Actual Time Spent: 5
Status: Completed

47. Creation and Integration of Reports into Manager Page (5) **HIGH**
Assigned to: Chance Hughes
Actual Time Spent: 5
Status: Completed

48. Displaying of Orders, Products, and Inventory Categories on Manager Page (5) **HIGH**
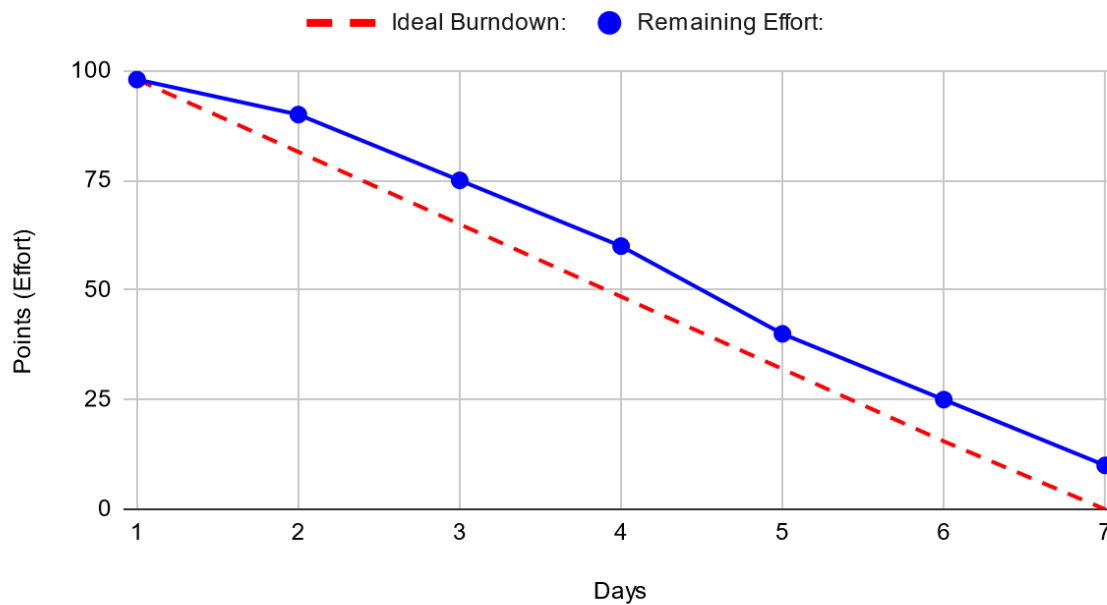Assigned to: Quinn Bromley
Actual Time Spent: 1
Status: In Progress

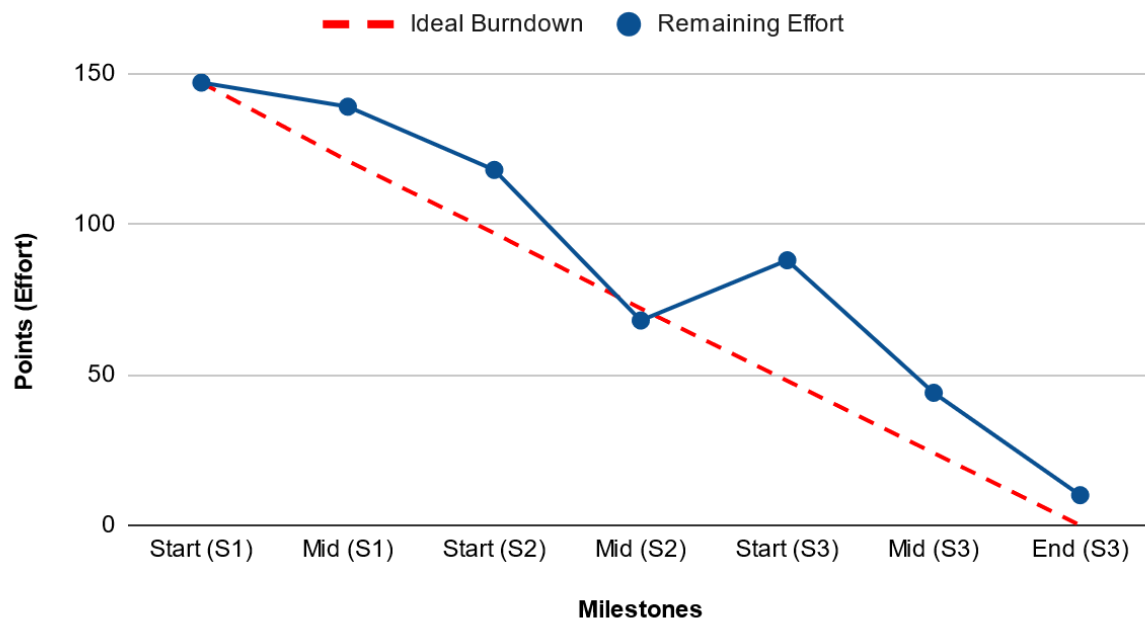| Name	# Tasks Completed for Sprint 1	# Tasks Completed for Sprint 2	# Tasks Completed for Sprint 3
Ethan Woods	2 tasks (8 time estimate)	6 tasks (12.5 time estimate)	8 tasks (21 time estimate)
Hayden O'Keefe	4 tasks (10 time estimate)	6 tasks (12.5 time estimate)	9 tasks (23 time estimate)
Kaghan Odom	2 tasks (7 time estimate)	8 tasks (11.5 time estimate)	9 tasks (22 time estimate)
Chance Hughes	2 tasks (8 time estimate)	8 tasks (10.5 time estimate)	7 tasks (18 time estimate)
Quinn Bromley	2 tasks (8 time estimate)	8 tasks (10.5 time estimate)	9 tasks (22 time estimate)
Jacob Kuruvilla	2 tasks (7 time estimate)	5 tasks (15 time estimate)	14 tasks (33 time estimate)

Burn-down Charts

Sprint 3 Burndown Chart

Product Burn-down Chart

Sprint 3 Meeting Summarizations (No Next Sprint)

Sprint 3 Consisted of:

- Planning Meeting
- 2 SCRUM Meetings
- 5 General Work Meetings

(Information on Meetings Below in Appendix 1)

Appendix 1: SCRUM and Work Meeting Agendas and Minutes

Sprint 3 Planning Meeting
Prepared by: Ethan Woods
Meeting Date: 4/21/24

Meeting Attendees

1. Ethan Woods
2. Hayden O'Keefe
3. Quinn Bromley
4. Kaghan Odom
5. Chance Hughes
6. Jacob Kuruvilla

Meeting Agenda Items

- Create our Sprint Goal for our final sprint, Sprint 3
- Create our Sprint 3 backlog and assign tasks to all developers

Status Update Since Last Meeting

Accomplishments:
- Got MVP 2 up and hosted on the website
- Began working on accessibility features

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Finish implementing functionality features into the main pages	all	no
Begin thinking about accessibility features that can be implemented	all	no

Before The Next Meeting

Plans:
- Begin working on accessibility features and API integration
- Finalize ordering systems and add in API features

Task Assignments:

Task Description	Assigned to
Begin to Implement Weather API into menu board	Jacob Kuruvilla
Implement Google Translate into the different pages it needs	Ethan Woods
Continue with functionality of customer/cashier ordering system	Hayden O'Keefe and Kaghan Odom
Continue with implementation of manager features	Chance Hughes and Quinn Bromley

Minutes from Previous Meeting

Our previous meeting was the meeting to have our merges and commits to main finalized before the release of our Sprint 2 MVP. We met and merged everyone's branches together to minimize conflicts and errors during the merges. Once all merges were successful, we got our new main hosted and deployed into the website as our Sprint 2 MVP. To end the meeting, we had a discussion on the tasks and deliverables we needed to meet to finish this project during Sprint 3.

SCRUM Meeting 1 for Sprint 3
Prepared by: Ethan Woods
Meeting Date: 4/22/24

Meeting Attendees

7. Ethan Woods
8. Hayden O'Keefe
9. Quinn Bromley
10. Kaghan Odom
11. Chance Hughes
12. Jacob Kuruvilla

Meeting Agenda Items

- Identify deliverables and functionalities we need finished for Sprint 3
- Take a vote on how we are feeling about Sprint 3

Status Update Since Last Meeting

Accomplishments:

- The planning meeting was the night before so there was not much done in between

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Begin to Implement Weather API into menu board	Jacob Kuruvilla	no
Implement Google Translate into the different pages it needs	Ethan Woods	no
Continue with functionality of customer/cashier ordering system	Hayden O'Keefe and Kaghan Odom	no
Continue with implementation of manager features	Chance Hughes and Quinn Bromley	no

Before The Next Meeting

Plans:

- Begin working on accessibility features and API integration

- Finalize ordering systems and add in API features

Task Assignments:

Task Description	Assigned to
Begin to Implement Weather API into menu board	Jacob Kuruvilla
Implement Google Translate into the different pages it needs	Ethan Woods
Continue with functionality of customer/cashier ordering system	Hayden O'Keefe and Kaghan Odom
Continue with implementation of manager features	Chance Hughes and Quinn Bromley

Minutes from Previous Meeting

Our previous meeting was the Sprint 3 Planning meeting, where we identified the tasks we needed to complete to finish this Project. With the introduction of new deliverables such as the kitchen page and the super user page, we had to adjust our Product and Sprint backlogs to reflect these new additions. These would not be the highest priority yet since we still needed to have functionality completed first.

SCRUM Meeting 2 for Sprint 3
Prepared by: Ethan Woods
Meeting Date: 4/24/24

Meeting Attendees

13. Ethan Woods
14. Hayden O'Keefe
15. Quinn Bromley
16. Kaghan Odom
17. Chance Hughes
18. Jacob Kuruvilla

Meeting Agenda Items

- Identify what tasks need to be completed based on the new deliverables and requirements that were updated
- Divy tasks and set up meeting dates for working on the project as a group

Status Update Since Last Meeting

Accomplishments:
- Implemented google translate on pages.
- Weather API was implemented into the menu board
- Functionality features began to be completed

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Begin to Implement Weather API into menu board	Jacob Kuruvilla	yes
Implement Google Translate into the different pages it needs	Ethan Woods	yes

Before The Next Meeting

Plans:
- Plan for meeting dates to work on the Project as a group
- Begin work with authentication and getting our pages linked up together
- Continue implementing manager, cashier, and customer functionality and features

Task Assignments:

Task Description	Assigned to
Continue implementing manager, cashier, and customer functionality and features	Hayden O'Keefe, Quinn Bromley, Kaghan Odom, Ethan Woods
Work on manager trend charts and reports	Chance Hughes
Begin implementing google authentication API	Jacob Kuruvilla

Minutes from Previous Meeting

During our SCRUM meeting 1, we began by looking over the new deliverable requirements that were given to us. The main requirements that were new are the kitchen page, superuser page, and the inclusion of testing that must be implemented. After this, we discussed the different tasks that would be assigned to everyone and how we would accomplish them. We ended the meeting by taking a vote on how we felt going into Sprint 3 if we could accomplish all of our goals. The vote results showed a lot of animosity towards our goal of completing the Project, but we all knew that if we put in a lot of work, it could be done.

SCRUM Meeting 3 for Sprint 3
Prepared by: Ethan Woods
Meeting Dates: 4/28/24

Meeting Attendees

19. Ethan Woods
20. Hayden O'Keefe
21. Quinn Bromley
22. Kaghan Odom
23. Chance Hughes
24. Jacob Kuruvilla

Meeting Agenda Items

- Identify tasks that still need to be completed
- Merge all branches to main in preparation for the demo of MVP 3

Status Update Since Last Meeting

Accomplishments:
- Google Authentication was completed but not finalized. We had a login page with links to every page
- The manager page had most CRUD functionality implemented. Trends and reports were almost completed
- The customer page was updated with pictures and the last functionality remained was the ordering system
- The cashier page has all functionality except ordering
- Superuser and kitchen pages were completed with working functionality

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Continue implementing manager, cashier, and customer functionality and features	Hayden O'Keefe, Quinn Bromley, Kaghan Odom, Ethan Woods	almost
Work on manager trend charts and reports	Chance Hughes	almost
Begin implementing google authentication API	Jacob Kuruvilla	yes

Before The Next Meeting

Plans:
- This was our "final" meeting during the actual Sprint 3 time. The rest of the meetings would be general work meetings to finalize the different functionality and deliverables we needed to complete

Task Assignments:

Task Description	Assigned to
Finalize all functionality and deliverables	all
Complete design and accessibility requirements on all pages	all
Begin testing and working towards 50% test coverage	Ethan Woods

Minutes from Previous Meeting

Our previous meeting was technically a General work meeting (identified below), but during the second SCRUM meeting, we continued to identify deliverables and tasks that needed to be completed. After this, we came up with dates and times we could reserve rooms to all work on the project together and work towards completing the deliverables. To finish the meeting, we took another vote about how we all felt about finishing the project. The results were the same as before, there was a lot of animosity in relation to the tasks we needed to complete and implement before the project was over.

General Work Meetings 1 - 5
Prepared by: Ethan Woods, Chance Hughes, Hayden O'Keefe

Meeting Dates: 4/25/24, 4/26/24, 4/27/24, 4/29/24, 4/30/24, 4/31/24

Meeting Attendees

25. Ethan Woods
26. Hayden O'Keefe
27. Quinn Bromley
28. Kaghan Odom
29. Chance Hughes
30. Jacob Kuruvilla

Meeting Agenda Items

- During the general work meetings, all developers had the chance to work with all other developers to accomplish their tasks and deliverables. Below is what each team member was assigned and prioritized completing during the general work meetings:
    - Ethan Woods: Design and Styling, Customer page assistance, Testing Framework development, general help if anyone asks
    - Hayden O'Keefe: Customer Ordering functionality and all other functionality related to the customer page
    - Quinn Bromley: Development of Kitchen Page, Finalization of all Manager CRUD functionality, Order displays on manager pages, assistance with api development regarding placing orders, general assistance if needed
    - Kaghan Odom: Development and finalization of Cashier Page, Order placement on the cashier page, Design and functionality of Cashier page
    - Change Hughes: Creation and Implementation of Reports and Charts on Manager page, General help around the team and on the Manager Page
    - Jacob Kuruvilla: Development and deployment of Google OAuth Api, Development of superuser page, Page linking and authentication requirements, redesign and linking of login page

Description of General Work Meetings

The general work meetings were used as a time for all members of the team to get together and work on each of their own requirements and deliverables. It was a time for members to help others as they needed. We had a total of 5 meetings, each with varying members and times. Throughout the five different meetings, there was probably a total of 20+ hours of development. With each meeting came major progress for each member on what they needed to do.