Sprint 1 Materials

331 Warriors

Carlos Moreno
Cole Mottin
Maxwell Xie
Christopher Liu
Mohammad Shohaib
Jose Rojo

Retrospective Summary

For sprint 1, Our initial meetings revolved around getting a base project made and having some functions done for each page. Everything went right and was on schedule, we were able to complete every task and finish all the points within the backlog for sprint 1. We as a team noticed that the backlog being completed this well meant we went easy on ourselves and could have completed more tasks. So the plan in the meeting after sprint 1 was what would be a smart way to add more tasks for each member while still not adding too much to where it could be an issue of not completing the tasks and having a backlog overflow. We also discussed the blockers we had for the first sprint which were deployment issues and learning the framework, although the blockers were solved after some time, we are still looking for better ways to deploy the frontend and backend of the project more efficiently. Overall this sprint was good and everything assigned was completed, the few blockers we did have were easily managed after a bit of working and the rest was smooth sailing. One thing to point out was the energy of the team was the biggest reason for the success,

since we have worked with each other before and knew each other's strengths and weaknesses, it was easier to know what specific tasks every member should work on.

GitHub Release Link

https://github.com/csce-315-331-2024a/project-3-full-stack-agile-web-906-27/releases/tag/Sprint1

Product Backlog

(1 point = 4 hours)

1. As a cashier/manager, I want the database to be set up so that my actions will be reflected somewhere.
    a. Priority: high
    b. Dependencies: none
    c. User story points: 1
    d. Status: complete
2. As a manager, I want to have a GUI so that I can interact with the system.
    a. Priority: high
    b. Dependencies: none
    c. User story points: 2
    d. Status: complete
3. As a cashier, I want to have a GUI so that I can interact with the system.
    a. Priority: High
    b. Dependencies: None
    c. User story points: 2
    d. Status: complete
4. As a customer, I want to have a self-service GUI so that I can order in a contactless way.
    a. Priority: high
    b. Dependencies: none
    c. User story points: 2
    d. Status: complete
5. As a customer, I want to be able to view all items together on a big menu so that I don't miss any items that I would want.
    a. Priority: high
    b. Dependencies: none
    c. User story points: 2
    d. Status: complete
6. As the manager, I want to be able to run this application through a browser interface so that I will have an easier time running the application and it will be more accessible.

    a. Priority: high

    b. Dependencies: none

    c. User story points: 1

    d. Status: complete

7. Sprint 1 testing: All GUI elements

    a. Priority: high

    b. Dependencies: GUI

    c. User story points: 1

    d. Status: complete

8. As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

9. As a manager, I want the sales analytics to be shown in graphs or charts where applicable so that I can have a visual representation of the data.

    a. Priority: medium

    b. Dependencies: Manager GUI, database, sales analytics functionality

    c. User story points: 1

    d. Status: Incomplete

10. As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

11. As a manager, I want to be able to add items to the inventory so that I can track new inventory items.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

12. As a manager,I want to be able to remove items from the inventory so that I can remove ingredients that are no longer used.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

13. As a manager, I want to be able to add items to the menu so that I can add limited/new items.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

14. As a manager, I want to be able to remove items from the menu so that I can remove items that are out of stock/season.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

15. As a manager, I want to be able to update the prices of items so that I can keep the database up-to-date with any price changes.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

16. As a manager, I want to be able to view all menu items together and all inventory items together so that I can see all of each category in one place.

    a. Priority: medium

    b. Dependencies: Manager GUI, database

    c. User story points: 1

    d. Status: Incomplete

17. As a manager, I want to be able to know the current weather conditions so that I can make predictions on how busy the restaurant will be.

    a. Priority: medium

    b. Dependencies: Manager GUI

    c. User story points: 1

    d. Status: Incomplete

18. As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.

    a. Priority: medium

    b. Dependencies: Cashier GUI

    c. User story points: 1

    d. Status: Incomplete

19. As a cashier, I want to be able to remove items from an order so that the customer can change their mind, or so that I can fix a mistake.

    a. Priority: medium

    b. Dependencies: Cashier GUI

    c. User story points: 1

    d. Status: Incomplete

20. As a cashier, I want to be able to clear an entire order so that I do not have to manually remove each item if a customer decides to leave.
    a. Priority: medium
    b. Dependencies: Cashier GUI
    c. User story points: 1
    d. Status: Incomplete

21. As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.
    a. Priority: medium
    b. Dependencies: Cashier GUI, database
    c. User story points: 1
    d. Status: Incomplete

22. As a cashier, I want to be able to know which items are out of stock so that these items are not sold.
    a. Priority: medium
    b. Dependencies: Cashier GUI, database
    c. User story points: 1
    d. Status: Incomplete

23. As a cashier, I want to be able to know the price of the order so that I can inform the customer of the price.
    a. Priority: medium
    b. Dependencies: Cashier GUI, database
    c. User story points: 1
    d. Status: Incomplete

24. As a cashier, I want to be able to view the cart so that I can verify the order with the customer before checking out.
    a. Priority: medium
    b. Dependencies: Cashier GUI
    c. User story points: 1
    d. Status: Incomplete

25. As a customer, I want to be able to add items to an order so that I can build my order.
    a. Priority: medium
    b. Dependencies: Self-serve GUI
    c. User story points: 1
    d. Status: Incomplete

26. As a customer, I want to be able to remove items from an order so that I can get rid of an item I changed my mind on or accidentally added.
    a. Priority: medium
    b. Dependencies: Self-serve GUI
    c. User story points: 1

      d.   Status: Incomplete

27. As a customer, I want to be able to clear an entire order so that I do not have to manually remove each item if I want to leave.
    a. Priority: medium
    b. Dependencies: Self-serve GUI
    c. User story points: 1
    d. Status: Incomplete

28. As a customer, I want to be able to check out so that I can pay for my food and complete the order.
    a. Priority: medium
    b. Dependencies: Self-serve GUI, database
    c. User story points: 1
    d. Status: Incomplete

29. As a customer, I want to be able to know which items are out of stock so that I don't accidentally order something that can't be made.
    a. Priority: medium
    b. Dependencies: Self-serve GUI, database
    c. User story points: 1
    d. Status: Incomplete

30. As a customer, I want to know the price of my order so that I can verify whether or not I'm able to make this purchase and whether or not I would like to.
    a. Priority: medium
    b. Dependencies: Self-serve GUI, database
    c. User story points: 1
    d. Status: Incomplete

31. As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.
    a. Priority: medium
    b. Dependencies: Self-serve GUI
    c. User story points: 1
    d. Status: Incomplete

32. As a customer, I want the menu to incorporate the weather so that the ambience of the restaurant reflects the weather.
    a. Priority: medium
    b. Dependencies: Menu screen
    c. User story points: 1
    d. Status: Incomplete

33. As a customer, I want to see the calorie count of each item so that I can make health-conscious decisions.
    a. Priority: medium

   b. Dependencies: Menu screen, database

   c. User story points: 1

   d. Status: Incomplete

34. As a customer, I want to know which items are popular so that I can order something that others seem to enjoy.

   a. Priority: medium

   b. Dependencies: Menu screen, database

   c. User story points: 1

   d. Status: Incomplete

35. As a manager, I want the menu to be adjustable so that it will reflect changes we make in the system.

   a. Priority: medium

   b. Dependencies: Menu screen, database

   c. User story points: 1

   d. Status: Incomplete

36. As a person with vision impairment, I want to be able to enlarge the text to a comfortable size so that I can easily read what's on the screen.

   a. Priority: medium

   b. Dependencies: none

   c. User story points: 1

   d. Status: Incomplete

37. As a person with vision impairment, I want the contrast to allow me to distinguish between text and background so that I can easily read what's on the screen.

   a. Priority: medium

   b. Dependencies: none

   c. User story points: 1

   d. Status: Incomplete

38. As a person who is illiterate, I want to be able to have the text read out to me so that I do not have to read.

   a. Priority: medium

   b. Dependencies: none

   c. User story points: 1

   d. Status: Incomplete

39. As a person with motor impairment, I want the navigation to be simple and have large buttons so that I can use the application efficiently and effectively.

   a. Priority: medium

   b. Dependencies: none

   c. User story points: 1

   d. Status: Incomplete

40. As a person with motor impairment, I want to be able to navigate the application using only a keyboard so that I can avoid using a mouse/touch.
    a. Priority: medium
    b. Dependencies: none
    c. User story points: 1
    d. Status: Incomplete

41. As a person who speaks English as my second language, I want to change the text to my first language so that I understand what all the buttons do.
    a. Priority: medium
    b. Dependencies: none
    c. User story points: 1
    d. Status: Incomplete

42. As a person with celiac disease, I want to know which items have gluten so I can avoid them and not have a reaction.
    a. Priority: medium
    b. Dependencies: database
    c. User story points: 1
    d. Status: Incomplete

43. As a person with celiac disease, I want to make adjustments to order so that I can enjoy gluten-free foods.
    a. Priority: medium
    b. Dependencies: none
    c. User story points: 1
    d. Status: Incomplete

44. As a person who does not consume animal products, I want to know which items are vegan-friendly so that I can still enjoy the vegan options.
    a. Priority: medium
    b. Dependencies: database
    c. User story points: 1
    d. Status: Incomplete

45. As a person who has a nut allergy, I want to know which items may cause an allergic reaction so that I can avoid those items.
    a. Priority: medium
    b. Dependencies: database
    c. User story points: 1
    d. Status: Incomplete

46. As a person with red-green color blindness, I want to be able to change the colors to be red-green friendly so that I can view the application comfortably.
    a. Priority: medium
    b. Dependencies: none

    c. User story points: 1

    d. Status: Incomplete

47. As a customer, I want to be able to see recommendations based on the weather so that I can get a suggestion that might be better suited.

    a. Priority: low

    b. Dependencies: none

    c. User story points: 1

    d. Status: Incomplete

48. As a customer, I want the menu to be well-organized so that I can easily find items in their categories.

    a. Priority: medium

    b. Dependencies: Menu

    c. User story points: 1

    d. Status: Incomplete

49. As a manager, I want the manager's side buttons to be well-organized and easily navigable so that I can quickly find what I need.

    a. Priority: medium

    b. Dependencies: Manager GUI

    c. User story points: 1

    d. Status: incomplete

50. As a manager, I want to be able to download the results of analytics so that I can save them and compare them to others.

    a. Priority: medium

    b. Dependencies: Manager GUI

    c. User story points: 1

    d. Status: incomplete

51. As a cashier, I want the ordering buttons to be well-organized and intuitive so that I can easily learn the system and find items.

    a. Priority: medium

    b. Dependencies: Cashier GUI

    c. User story points: 1

    d. Status: incomplete

52. As a customer, I want the self-service ordering buttons to be well-organized and intuitive so that I can easily find the right items and place my own order.

    a. Priority: medium

    b. Dependencies: Self-serve GUI

    c. User story points: 1

    d. Status: incomplete

53. As a user, I want to be able to log in to the correct account so that I have access to the correct features.

a. Priority: high

b. Dependencies: GUI

c. User story points: 2

d. Status: incomplete

54. As a manager, I want to be able to navigate to different pages in the app so that I can easily access all the different functionalities of the app.

 a. Priority: medium

 b. Dependencies: GUI

 c. User story points: 1

 d. Status: incomplete

55. Sprint 2 testing: Manager functionality

 a. Priority: high

 b. Dependencies: Manager functionality

 c. User story points: 1

 d. Status: incomplete

56. Sprint 2 testing: Cashier checkout functionality

 a. Priority: high

 b. Dependencies: Cashier checkout functionality

 c. User story points: 1

 d. Status: incomplete

57. Sprint 2 testing: Self-serve checkout functionality

 a. Priority: high

 b. Dependencies: Self-serve checkout functionality

 c. User story points: 1

 d. Status: incomplete

Sprint Backlog

(1 point = 4 hours)

1. As a cashier/manager, I want the database to be set up so that my actions will be reflected somewhere.

 a. User story point value: 1

 b. Assigned to: Maxwell

 c. Actual time spent: 4 hours

 d. Status: completed

2. As a manager, I want to have a GUI so that I can interact with the system.

 a. User story point value: 2
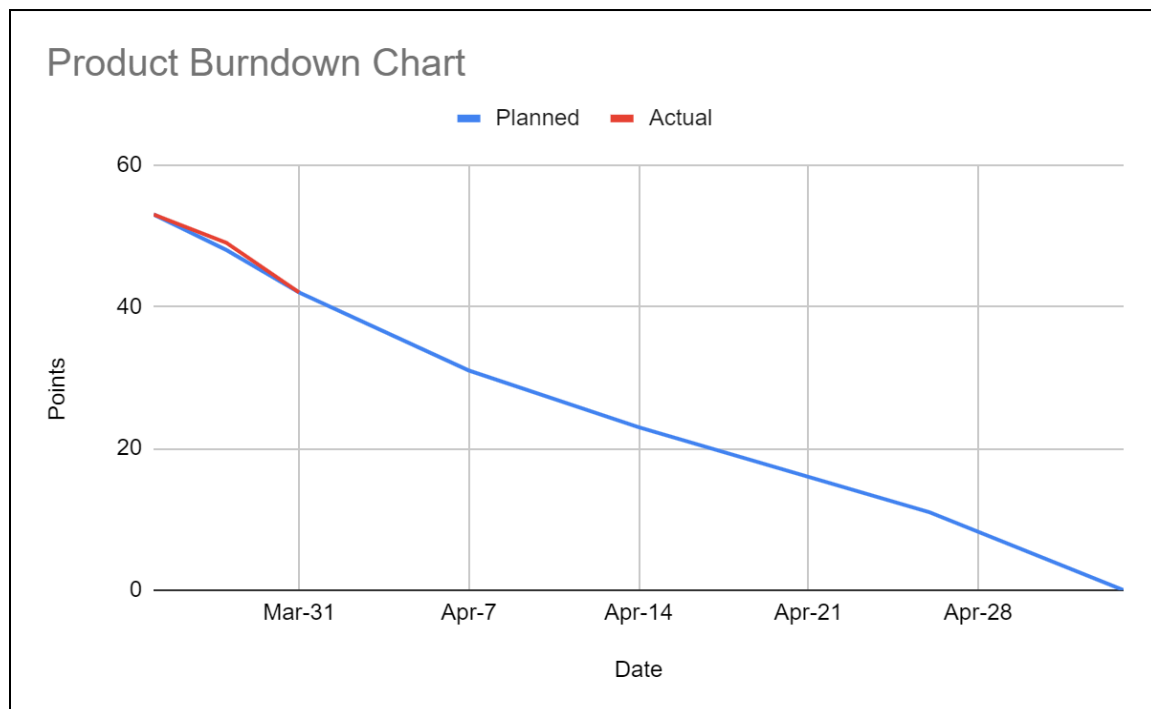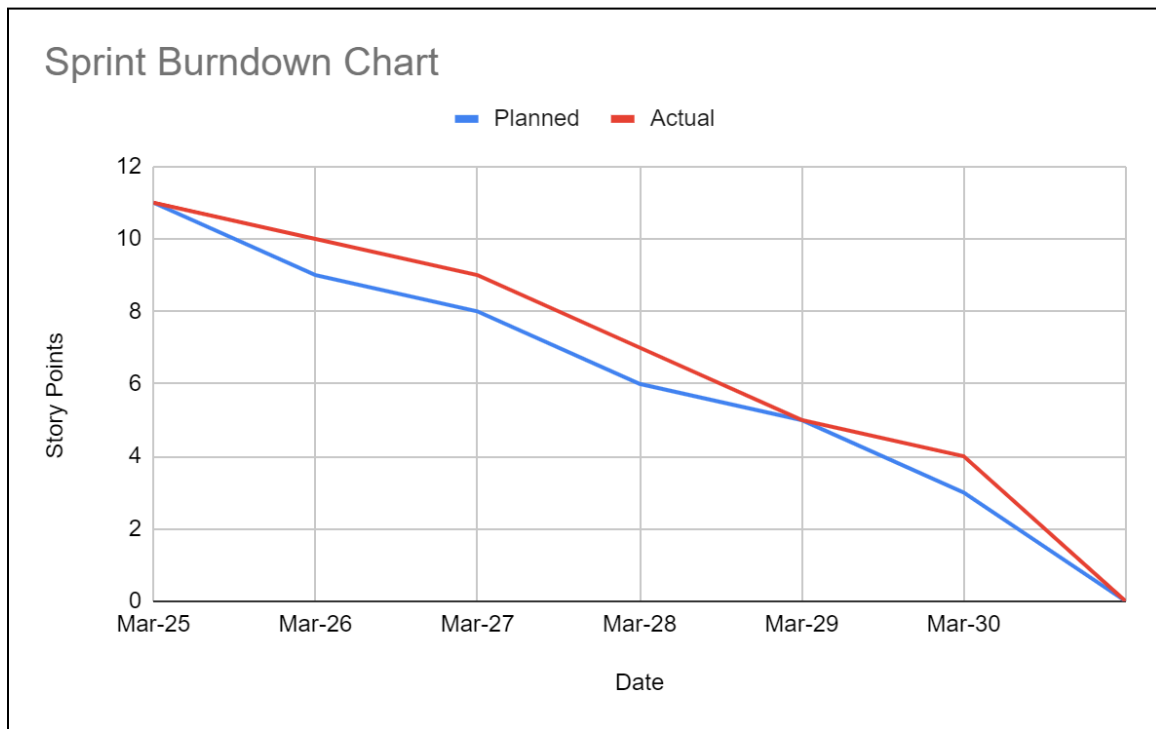
 b. Assigned to: Jose

 c. Actual time spent: 8 hours

   d. Status: completed
3. As a cashier, I want to have a GUI so that I can interact with the system.
   a. User story point value: 2
   b. Assigned to: Shohaib
   c. Actual time spent: 8 hours
   d. Status: completed
4. As a customer, I want to have a self-service GUI so that I can order in a contactless way.
   a. User story point value: 2
   b. Assigned to: Christopher
   c. Actual time spent: 8 hours
   d. Status: completed
5. As a customer, I want to be able to view all items together on a big menu so that I don't miss any items that I would want.
   a. User story point value: 2
   b. Assigned to: Cole
   c. Actual time spent: 8 hours
   d. Status: completed
6. As the manager, I want to be able to run this application through a browser interface so that I will have an easier time running the application and it will be more accessible.
   a. User story point value: 1
   b. Assigned to: Carlos
   c. Actual time spent: 4 hours
   d. Status: completed
7. Sprint 1 testing: All GUI elements
   a. User story point value: 1
   b. Assigned to: Carlos
   c. Actual time spent: 4 hours
   d. Status: completed

Summary table

Sprint number	Shohaib	Carlos	Maxwell	Jose	Christopher	Cole
1	2	2	1	2	2	2

Burn-down Charts

Next Sprint's SCRUM Meeting Schedule

- 1st SCRUM meeting: 04/05/2024
- 2nd SCRUM meeting: 04/08/2024
- 3rd SCRUM meeting: 04/10/2024
- 4th SCRUM meeting: 04/12/2024

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Project 3 Sprint 1
Prepared by: Mohammad Shohaib
Meeting Date: 03/25/2024

Meeting Attendees

1. Maxwell Xie
2. Christopher Liu
3. Carlos Moreno
4. Mohammad Shohaib
5. Cole Mottin
6. Jose Rojo

Meeting Agenda Items

- Discuss the progress of tasks completed.
- Discuss any obstacles that are hindering the progress of tasks.
- Discuss what you wish to accomplish by the next scrum meeting.

Status Update Since Last Meeting

Accomplishments:
- 25% completion on front-end tasks.
- Database is fully populated with data from project 2.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Implement the manager GUI	Jose Rojo	No
Implement the cashier GUI	Mohammad Shohaib	No
Implement the self- checkout GUI	Christopher Liu	No
Implement the menu board GUI	Cole Mottin	No
Populate the database	Maxwell Xie	Yes
Host the project on a domain	Carlos Moreno	No

Before The Next Meeting

Plans:

- Complete a significant portion of GUI by the next scrum meeting.
- Research the best hosting service to use for our product.

Task Assignments:

Task Description	Assigned to
Implement the manager GUI	Jose Rojo
Implement the cashier GUI	Mohammad Shohaib
Implement the self- checkout GUI	Christopher Liu
Implement the menu board GUI	Cole Mottin
Host the project on Netlify	Carlos Moreno

Minutes from Previous Meeting

There was not much to discuss in this first meeting. Maxwell filled us in on the database, and the differences from the database used in project two. We all agreed that learning React would be a challenge on its own, nonetheless, we have each other to seek for guidance. Lastly, we all agreed that we should have at least 50-75% of the GUI completed by the next meeting.

SCRUM Meeting 2 for Project 3 Sprint 1
Prepared by: Mohammad Shohaib
Meeting Date: 03/27/2024

Meeting Attendees

7. Maxwell Xie
8. Christopher Liu
9. Carlos Moreno
10. Mohammad Shohaib
11. Cole Mottin
12. Jose Rojo

Meeting Agenda Items

- Discuss any obstacles in implementing the GUI, such as React or JavaScript.
- Discuss the progress made on assigned tasks.

Status Update Since Last Meeting

Accomplishments:
- Manager GUI, Cashier GUI are 75% complete.
- Self-Checkout, Menu Board are 50% complete.
- Ideal hosting service for our product has been selected.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Implement the manager GUI	Jose Rojo	No
Implement the cashier GUI	Mohammad Shohaib	No
Implement the self- checkout GUI	Christopher Liu	No
Implement the menu board GUI	Cole Mottin	No
Populate the database	Maxwell Xie	Yes
Host the project on a domain	Carlos Moreno	Yes

Before The Next Meeting

Plans:
- Attempt to finish implementing the GUI for all pages in our product.
- If possible, begin to start implementing certain backend features for the Manager GUI.

Task Assignments:

Task Description	Assigned to
Implement the manager GUI	Jose Rojo
Implement the cashier GUI	Mohammad Shohaib
Implement the self- checkout GUI	Christopher Liu
Implement the menu board GUI	Cole Mottin

Minutes from Previous Meeting

We all discussed the obstacles getting in our way in completing our tasks. Some of us have other academic commitments outside of the project, while some of us are continuously researching how to use the framework that we have chosen for the project. Overall, we have made significant progress in implementing the GUI, and Carlos was able to find the perfect hosting service (Netlify) for us to use.

SCRUM Meeting 3 for Project 3 Sprint 1
Prepared by: Mohammad Shohaib
Meeting Date: 03/29/2024

Meeting Attendees

13. Maxwell Xie
14. Christopher Liu
15. Carlos Moreno
16. Mohammad Shohaib
17. Cole Mottin
18. Jose Rojo

Meeting Agenda Items

- Discuss the progress of implementing our GUI, and obstacles that are hindering said progress.
- A time for all of us to meet in a call and merge all of the branches in our GitHub repository to create the MVP for this sprint.

Status Update Since Last Meeting

Accomplishments:
- Manager GUI, Cashier GUI are 100% complete.
- Self-Checkout, Menu Board are 75% complete.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Implement the manager GUI	Jose Rojo	Yes
Implement the cashier GUI	Mohammad Shohaib	Yes
Implement the self- checkout GUI	Christopher Liu	No
Implement the menu board GUI	Cole Mottin	No
Populate the database	Maxwell Xie	Yes
Host the project on a domain	Carlos Moreno	Yes

Before The Next Meeting

Plans:

- Complete the Menu Board/Self-Checkout GUI
- We were not able to do it this sprint, but started implementing backend features for our project.

Task Assignments:

Task Description	Assigned to
Implement the self- checkout GUI	Christopher Liu
Implement the menu board GUI	Cole Mottin

Minutes from Previous Meeting

We discussed what Cole and Christopher needed the most help on when implementing their portion of the GUI. Afterwards, we began testing our GUI on each other's laptops, and saw if there were any differences in the appearance of our product. We also agreed that by the end of the sprint, we need to check the accessibility of our GUI, and make any necessary changes.