



Sprint 2 Materials

CSCE 331 Warriors



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

Retrospective Summary

We started our retrospective meeting by comparing the outcomes of sprint 1 and sprint 2. For our retrospective meeting on sprint 1, we realized we weren't ambitious enough in terms of what we were set on accomplishing so in sprint 2 we aimed for a larger and more realistic workload to finish the project on time. We now think that our goals for sprint 2 were more suited for the project timeline. Unfortunately, this more ambitious task list meant that we were not able to finish all of the tasks we planned for this sprint. Despite this, we noticed that we were significantly more productive this sprint than the last.

The primary problem that we encountered in sprint 2 was that we were unable to accurately predict how long different tasks would take. After some discussion, we decided that some tasks, like the manager reports, were easier to perform in the java based app from the previous project than in this web app framework. This resulted in some tasks being assigned less points than they realistically should have been.



After our demo and user study during the lab, we discovered some tasks we would need to add to the product backlog, including a calendar functionality for an improved experience selecting dates for the manager analytical reports.

By reflecting on sprint 2, we recognize that we need to put more effort into the task estimation process so that we are able to balance the workload between members and finish on time. This, along with the additional tasks obtained through user feedback, should help us reach an optimal final product.

GitHub Release Link

<https://github.com/csce-315-331-2024a/project-3-full-stack-agile-web-906-27/releases/tag/Sprint2>

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: Complete
 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: Complete
 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: Complete
 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: Complete
-



-
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: Complete
 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: Complete
 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: Complete
 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: Complete
 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: Complete
 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: Complete
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: Complete
 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: Complete
 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: In progress
 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: In progress
 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: Complete
 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: Complete
 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: Complete
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: Complete
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: Complete
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: In progress
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: In progress
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: Complete
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: Complete
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: Complete
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: In progress
55. Sprint 2 testing: Manager functionality
- a. Priority: high
 - b. Dependencies: Manager functionality
 - c. User story points: 1
 - d. Status: complete
56. Sprint 2 testing: Cashier checkout functionality
- a. Priority: high
 - b. Dependencies: Cashier checkout functionality
 - c. User story points: 1
 - d. Status: complete
57. Sprint 2 testing: Self-serve checkout functionality
- a. Priority: high
 - b. Dependencies: Self-serve checkout functionality
 - c. User story points: 1
 - d. Status: complete

Sprint Backlog

(1 point = 4 hours)

1. As a user, I want to log in to the correct account so that I have access to the correct features.
 - a. Assigned to: Jose
 - b. User story point value: 2 points
 - c. Actual time spent: 8 hours



-
- d. Status: Complete
 2. As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.
 - a. Assigned to: Carlos
 - b. User story point value: 3 points
 - c. Actual time spent: 12 hours
 - d. Status: Complete
 3. 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. Assigned to: Carlos
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 4. 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. Assigned to: Maxwell
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 5. As a manager, I want to be able to add items to the menu so that I can add limited/new items.
 - a. Assigned to: Maxwell
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 6. 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. Assigned to: Maxwell
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 7. As a manager, I want to be able to add items to the inventory so that I can track new inventory items.
 - a. Assigned to: Maxwell
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 8. 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. Assigned to: Maxwell
 - b. User story point value: 1 point
-



-
- c. Actual time spent: 4 hours
 - d. Status: complete
 - 9. 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. Assigned to: Jose
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 - 10. As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.
 - a. Assigned to: Shohaib
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 - 11. As a cashier, I want to be able to remove items from an order so that I can fix a customer's or my own mistake.
 - a. Assigned to: Shohaib
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 - 12. 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. Assigned to: Shohaib
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 - 13. 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. Assigned to: Shohaib
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 - 14. 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. Assigned to: Cole
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
 - 15. As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.
-



-
- a. Assigned to: Jose
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: in progress
16. As a cashier, I want to be able to know which items are out of stock so that these items are not sold.
- a. Assigned to: Cole
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: in progress
17. As a customer, I want to be able to add items to an order so that I can build my order.
- a. Assigned to: Christopher
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
18. 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. Assigned to: Christopher
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
19. 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. Assigned to: Christopher
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
20. As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.
- a. Assigned to: Christopher
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
21. 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'd like to.
- a. Assigned to: Cole
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
-

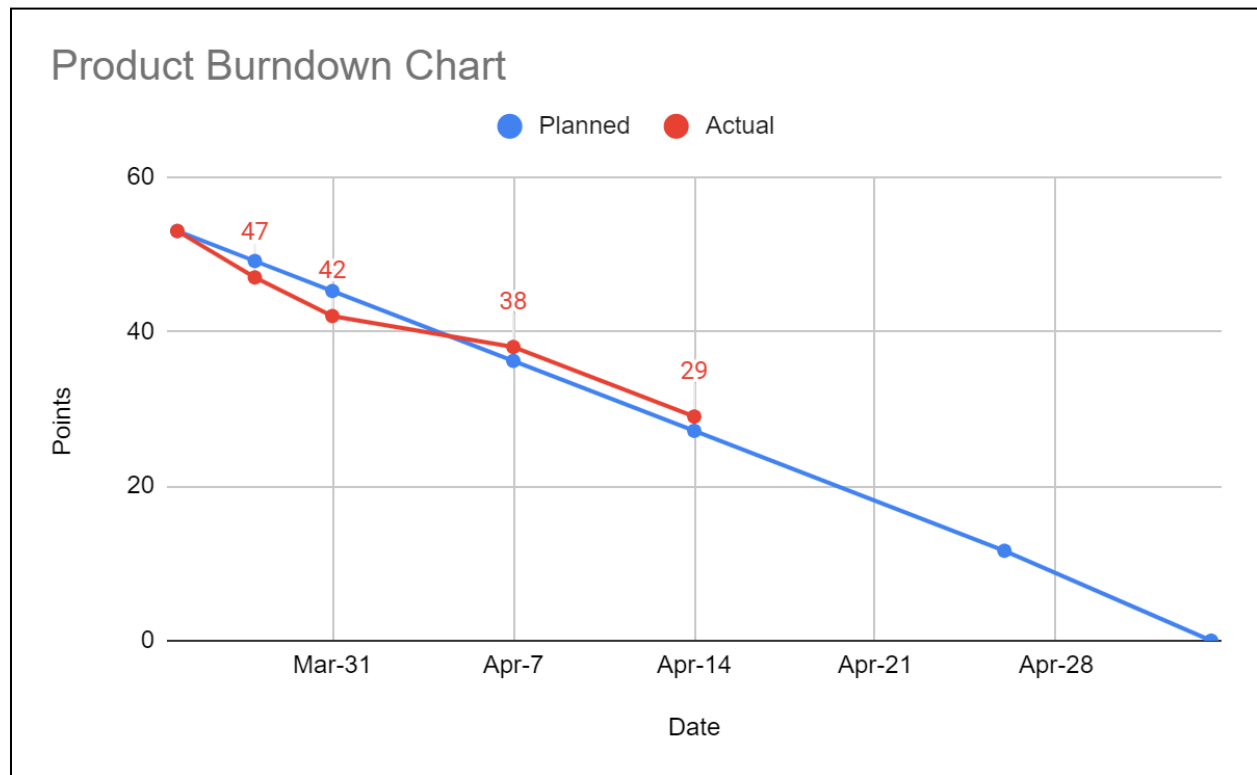


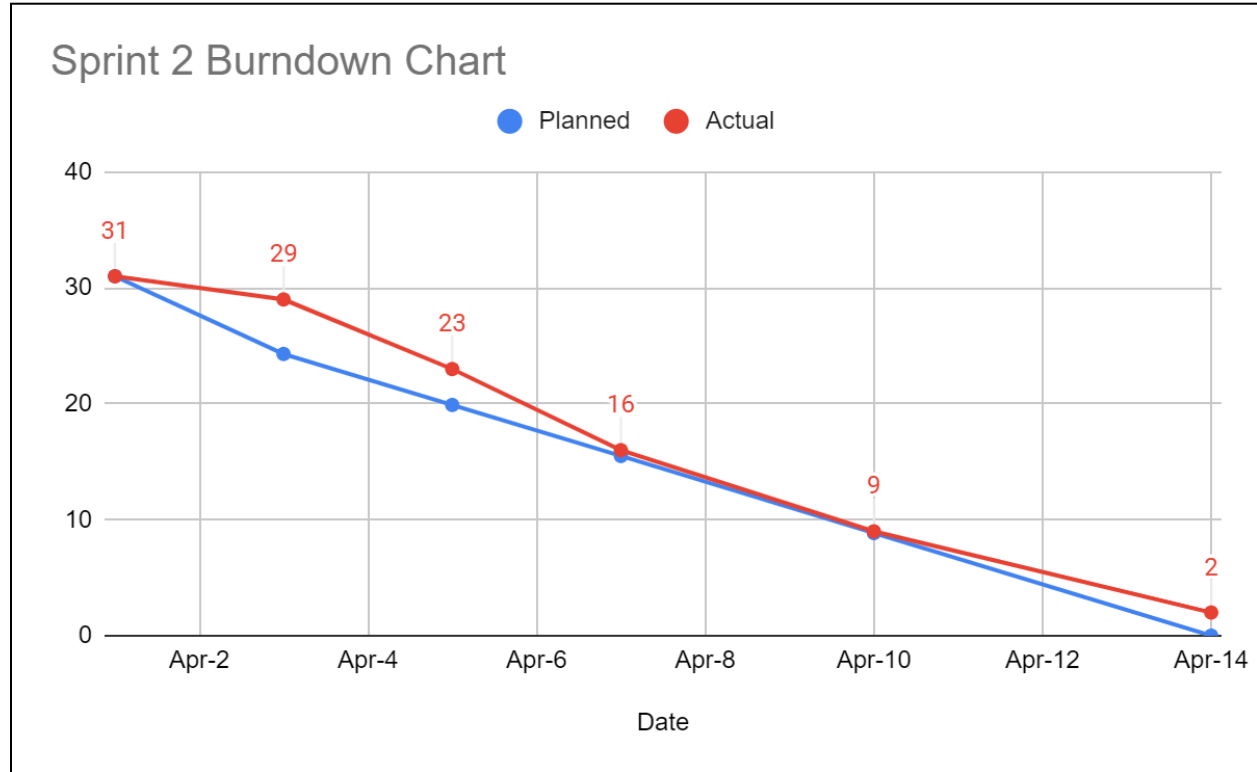
-
22. As a customer, I want to be able to check out so that I can pay for my food and complete the order.
- a. Assigned to: Jose
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: in progress
23. As a customer, I want to be able to know which items are out of stock so that I don't accidentally order something that can't be made.
- a. Assigned to: Cole
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: in progress
24. 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. Assigned to: Carlos
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete
25. 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. Assigned to: Shohaib
 - b. User story point value: 1 point
 - c. Actual time spent: 4 hours
 - d. Status: complete

Sprint number	Shohaib	Carlos	Maxwell	Jose	Christopher	Cole
1	2	2	1	2	2	2
2	7	8	7	6	6	4



Burn-down Charts





Next Sprint's SCRUM Meeting Schedule

- 1st SCRUM meeting: 04/19/2024
- 2nd SCRUM meeting: 04/22/2024
- 3rd SCRUM meeting: 04/24/2024
- 4th SCRUM meeting: 04/26/2024



Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Project 3 Sprint 2

Prepared by: Mohammad Shohaib

Meeting Date: 04/05/2024

Meeting Attendees

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

Meeting Agenda Items

- Discuss the completion of assigned tasks in this sprint.
- Discuss any obstacles that are hindering the completion of certain tasks.

Status Update Since Last Meeting

Accomplishments:

- No tasks have been completed yet, but some are nearing completion.
- Completed any tasks that were not completed in sprint 1.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose	No
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos	No
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.	Carlos	No
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.	Maxwell	No



As a manager, I want to be able to add items to the menu so that I can add limited/new items.	Maxwell	No
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.	Maxwell	No
As a manager, I want to be able to add items to the inventory so that I can track new inventory items.	Maxwell	No
As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.	Maxwell	No
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.	Jose	No
As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.	Shohaib	No
As a cashier, I want to be able to remove items from an order so that I can fix a customer's or my own mistake.	Shohaib	No
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.	Shohaib	No
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.	Shohaib	No
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.	Cole	No
As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.	Jose	No
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole	No



As a customer, I want to be able to add items to an order so that I can build my order.	Christopher	No
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.	Christopher	No
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.	Christopher	No
As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.	Christopher	No
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'd like to.	Cole	No
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose	No
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.	Cole	No
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.	Carlos	No
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.	Shohaib	No
Sprint 2 testing: Manager functionality	Carlos	No
Sprint 2 testing: Cashier checkout functionality	Maxwell	No
Sprint 2 testing: Self-serve checkout functionality	Jose	No



Before The Next Meeting

Plans:

- Finish setting up any tasks that are currently being worked on. This applies to the tasks relating to the cashier/self checkout.
- Begin any other tasks that have not been started, or at least plan time to start on said tasks.

Task Assignments:

Task Description	Assigned to
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos
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.	Carlos
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.	Maxwell
As a manager, I want to be able to add items to the menu so that I can add limited/new items.	Maxwell
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.	Maxwell
As a manager, I want to be able to add items to the inventory so that I can track new inventory items.	Maxwell
As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.	Maxwell
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.	Jose
As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.	Shohaib
As a cashier, I want to be able to remove items from an order so that I can fix a customer's or my own mistake.	Shohaib



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.	Shohaib
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.	Shohaib
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.	Cole
As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.	Jose
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole
As a customer, I want to be able to add items to an order so that I can build my order.	Christopher
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.	Christopher
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.	Christopher
As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.	Christopher
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'd like to.	Cole
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose
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.	Cole
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.	Carlos
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.	Shohaib
Sprint 2 testing: Manager functionality	Carlos
Sprint 2 testing: Cashier checkout functionality	Maxwell



Sprint 2 testing: Self-serve checkout functionality	Jose

Minutes from Previous Meeting

The previous was from Sprint 1, however, in that meeting we discussed any obstacles that were in the way of completing the final tasks of that sprint. Furthermore, we discussed plans for this current sprint, such as the distribution of tasks and the timeline that said tasks would be started or completed. Lastly, we discussed the timeline of sprint 1, and individuals who needed help with completing certain tasks discussed the specific obstacle that was hindering their progress, and we agreed to make time to help each other in this regard.



SCRUM Meeting 2 for Project 3 Sprint 2

Prepared by: Mohammad Shohaib

Meeting Date: 04/08/2024

Meeting Attendees

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

Meeting Agenda Items

- Discuss the completion of assigned tasks in this sprint.
- Discuss any obstacles that are hindering the completion of certain tasks.

Status Update Since Last Meeting

Accomplishments:

- Some tasks have been completed, notably simple tasks such as displaying menu item prices, allowing for users to delete items off an order, etc.
- Queries for the management GUI have been started on, and progress has been made by Maxwell/Carlos.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose	No
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos	No
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.	Carlos	No
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.	Maxwell	No



As a manager, I want to be able to add items to the menu so that I can add limited/new items.	Maxwell	No
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.	Maxwell	No
As a manager, I want to be able to add items to the inventory so that I can track new inventory items.	Maxwell	No
As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.	Maxwell	No
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.	Jose	No
As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.	Shohaib	Yes
As a cashier, I want to be able to remove items from an order so that I can fix a customer's or my own mistake.	Shohaib	Yes
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.	Shohaib	Yes
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.	Shohaib	No
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.	Cole	No
As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.	Jose	Yes
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole	No



As a customer, I want to be able to add items to an order so that I can build my order.	Christopher	Yes
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.	Christopher	No
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.	Christopher	No
As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.	Christopher	No
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'd like to.	Cole	Yes
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose	No
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.	Cole	No
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.	Carlos	No
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.	Shohaib	No
Sprint 2 testing: Manager functionality	Carlos	No
Sprint 2 testing: Cashier checkout functionality	Maxwell	No
Sprint 2 testing: Self-serve checkout functionality	Jose	No



Before The Next Meeting

Plans:

- Attempt to finish all tasks related to the Manager GUI, and have a working functionality for assigned tasks.
- Finish tasks that relate to the checkout feature in both the self-checkout and cashier-checkout
- Start implementing the login feature/admin pages using a third party API.

Task Assignments:

Task Description	Assigned to
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos
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.	Carlos
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.	Maxwell
As a manager, I want to be able to add items to the menu so that I can add limited/new items.	Maxwell
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.	Maxwell
As a manager, I want to be able to add items to the inventory so that I can track new inventory items.	Maxwell
As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.	Maxwell
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.	Jose
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.	Shohaib



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.	Cole
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole
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.	Christopher
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.	Christopher
As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.	Christopher
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose
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.	Cole
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.	Carlos
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.	Shohaib
Sprint 2 testing: Manager functionality	Carlos
Sprint 2 testing: Cashier checkout functionality	Maxwell
Sprint 2 testing: Self-serve checkout functionality	Jose

Minutes from Previous Meeting

From the previous meeting, we discussed the assignments of tasks to everyone in this sprint. We talked about the difficulty of each task, and assigned tasks based on the abilities of all team members. We made sure that task distribution was fair, and that everyone has the ability to complete tasks on time.



SCRUM Meeting 3 for Project 3 Sprint 2

Prepared by: Mohammad Shohaib

Meeting Date: 04/10/2024

Meeting Attendees

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

Meeting Agenda Items

- Discuss the completion of assigned tasks in this sprint.
- Discuss any obstacles that are hindering the completion of certain tasks.
- Discuss any future tasks that may need to be added to the backlog based on the observations in this sprint.

Status Update Since Last Meeting

Accomplishments:

- The manager page has most functions implemented, with remaining functions nearing completion.
- The login functionality is nearing completion.
- The cashier/self checkout tasks are nearing completion

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose	No
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos	No
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.	Carlos	No
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.	Maxwell	Yes



As a manager, I want to be able to add items to the menu so that I can add limited/new items.	Maxwell	Yes
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.	Maxwell	Yes
As a manager, I want to be able to add items to the inventory so that I can track new inventory items.	Maxwell	Yes
As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.	Maxwell	Yes
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.	Jose	Yes
As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.	Shohaib	Yes
As a cashier, I want to be able to remove items from an order so that I can fix a customer's or my own mistake.	Shohaib	Yes
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.	Shohaib	Yes
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.	Shohaib	No
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.	Cole	Yes
As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.	Jose	Yes
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole	No



As a customer, I want to be able to add items to an order so that I can build my order.	Christopher	Yes
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.	Christopher	No
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.	Christopher	Yes
As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.	Christopher	Yes
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'd like to.	Cole	Yes
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose	No
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.	Cole	No
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.	Carlos	Yes
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.	Shohaib	No
Sprint 2 testing: Manager functionality	Carlos	No
Sprint 2 testing: Cashier checkout functionality	Maxwell	No
Sprint 2 testing: Self-serve checkout functionality	Jose	No



Before The Next Meeting

Plans:

- Attempt to finish all tasks related to the Manager GUI, and have a working functionality for assigned tasks.
- Finish tasks that relate to the checkout feature in both the self-checkout and cashier-checkout
- Start implementing the login feature/admin pages using a third party API.

Task Assignments:

Task Description	Assigned to
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos
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.	Carlos
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.	Shohaib
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole
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.	Christopher
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose
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.	Cole
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.	Shohaib
Sprint 2 testing: Manager functionality	Carlos
Sprint 2 testing: Cashier checkout functionality	Maxwell



Sprint 2 testing: Self-serve checkout functionality	Jose

Minutes from Previous Meeting

From the previous meeting, we discussed any obstacles that were impeding us from finishing any tasks. One of those obstacles was figuring out how to write tests for certain components of our product. We agreed to do research on this matter before the next meeting, and discuss possibilities on how to execute these tasks. Lastly, we discussed the status of certain tasks and the timeline for the remaining part of this sprint.



SCRUM Meeting 4 for Project 3 Sprint 2

Prepared by: Mohammad Shohaib

Meeting Date: 04/12/2024

Meeting Attendees

19. Mohammad Shohaib
20. Jose Rojo
21. Carlos Moreno
22. Maxwell Xie
23. Cole Mottin
24. Christopher Liu

Meeting Agenda Items

- Discuss the completion of assigned tasks in this sprint.
- Discuss any obstacles that are hindering the completion of certain tasks.
- Discuss the distribution of tasks for the next sprint.

Status Update Since Last Meeting

Accomplishments:

- The manager page is complete, with any remaining functions that were not addressed in this sprint to be completed in the next sprint.
- The login functionality is complete
- The cashier/self checkout tasks are nearing completion, with a few remaining tasks left to be completed.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
As a user, I want to log in to the correct account so that I have access to the correct features.	Jose	Yes
As a manager, I want to be able to view sales analytics so that I can make decisions based on that information.	Carlos	Yes
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.	Carlos	Yes
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.	Maxwell	Yes



As a manager, I want to be able to add items to the menu so that I can add limited/new items.	Maxwell	Yes
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.	Maxwell	Yes
As a manager, I want to be able to add items to the inventory so that I can track new inventory items.	Maxwell	Yes
As a manager, I want to be able to update the inventory so that I can keep the database up-to-date with restocks.	Maxwell	Yes
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.	Jose	Yes
As a cashier, I want to be able to add items to an order so that I can accommodate what the customer wants.	Shohaib	Yes
As a cashier, I want to be able to remove items from an order so that I can fix a customer's or my own mistake.	Shohaib	Yes
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.	Shohaib	Yes
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.	Shohaib	Yes
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.	Cole	Yes
As a cashier, I want to be able to proceed the customer to checkout so that we can complete the order.	Jose	Yes
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole	No



As a customer, I want to be able to add items to an order so that I can build my order.	Christopher	Yes
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.	Christopher	Yes
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.	Christopher	Yes
As a customer, I want to be able to view the cart so that I can verify the entire order before checking out.	Christopher	Yes
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'd like to.	Cole	Yes
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose	No
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.	Cole	No
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.	Carlos	Yes
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.	Shohaib	Yes
Sprint 2 testing: Manager functionality	Carlos	No
Sprint 2 testing: Cashier checkout functionality	Maxwell	No
Sprint 2 testing: Self-serve checkout functionality	Jose	No



Before The Next Meeting

Plans:

- Attempt to finish all tasks related to both checkout pages
- Start implementing the admin functionality, or at least have the page set up for the next sprint.

Task Assignments:

Task Description	Assigned to
As a cashier, I want to be able to know which items are out of stock so that these items are not sold.	Cole
As a customer, I want to be able to check out so that I can pay for my food and complete the order.	Jose
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.	Cole
Sprint 2 testing: Manager functionality	Carlos
Sprint 2 testing: Cashier checkout functionality	Maxwell
Sprint 2 testing: Self-serve checkout functionality	Jose

Minutes from Previous Meeting

From the previous meeting, we discussed the remaining tasks left in this sprint, and whether they could be completed by the deadline. Furthermore, we discussed the abilities of all team members regarding assignments in the next sprint, and whether said timeline is achievable. Lastly, we discussed CSS themes that we would like to implement for each page in the next sprint, and whether we should uniformly assign a theme to all pages.