



Sprint 2 Materials

Coffee Cats



Raphael Clark

Mathias Miu

Gage Howe

Thomas Mullens

Retrospective Summary

Throughout the sprint, communication between group members went well as well as the splitting up of tasks. All the team members worked diligently on their roles and responsibilities and helped others when needed if they were not busy and had the time to help out. We managed to get everything finished minus some reports. A reason this happened is that a lot of us got busy with other classes and simply couldn't put in the time that we expected to. Besides that everything was completed as predicted and simply missed out on a couple of functionalities. The overall objective of the sprint was ambitious and we accomplished a majority of what was put out. If we were to change something we would be better off tuning down the ambition of the sprint and adding things as we go rather than having all the ideas at the beginning of the sprint. Go on and implement the required. Then, if we have time, add things we would like and would be interested in. This wouldn't harm the backlog because we are working with the time left vs. what has been completed and can gain a more



accurate estimation of tasks. For example, if we wanted to include a way for the users to customize drinks off ingredients (not going to do) this is not a necessary task and we would first complete all things REQUIRED and then if we have time to work on the individual customization we would see how much time we have left if we can complete, and delegate based off of that if it's a single person thing or if it's a pair/team job.

GitHub Release Link

<https://github.com/CSCE331-Fall2024/CoffeeCatsProject3/releases/tag/sprint2>

Product

SCRUM Sprint 2 5 Nov – 19 Nov (28 issues)		9	31	32	Complete sprint	...
<input checked="" type="checkbox"/>	create floating croissant	IN PROGRESS		10		
<input checked="" type="checkbox"/>	add taxes to the cost of the order	TO DO		3		
<input checked="" type="checkbox"/>	Display Featured Items for the menu board	IN PROGRESS		3		
<input checked="" type="checkbox"/>	Managers should be able to see a product usage chart	IN PROGRESS		4		
<input checked="" type="checkbox"/>	Managers should be able to create an X-Report	IN PROGRESS		4		
<input checked="" type="checkbox"/>	Managers should be able to create a Z-Report	IN PROGRESS		4		
<input checked="" type="checkbox"/>	Customers should be able to swipe the carousel and look at all the items	IN PROGRESS		3		
<input checked="" type="checkbox"/>	Employees should be able to edit their own user data	IN PROGRESS		3		
<input checked="" type="checkbox"/>	each entry on a menu board should have a price, what options there are, and how the prices change along with an image	DONE		3		
<input checked="" type="checkbox"/>	Managers should be able to edit orders	DONE		3		
<input checked="" type="checkbox"/>	users should have an about section at the bottom of the display that lets them know about the company and what they support	TO DO		3		
<input checked="" type="checkbox"/>	Users should get a confirmation code or receipt	DONE		3		
<input checked="" type="checkbox"/>	Add a high contrast mode or ability for chrome themes to work	DONE		3		
<input checked="" type="checkbox"/>	Add weather API integration	DONE		-		
<input checked="" type="checkbox"/>	add text enlargement (this is an accessibility feature)	DONE		3		
<input checked="" type="checkbox"/>	Recommend drinks based off of weather API integration	TO DO		-		
<input checked="" type="checkbox"/>	Managers should be able to place a return	TO DO		3		
<input checked="" type="checkbox"/>	integrate images with carousel	DONE		2		
<input checked="" type="checkbox"/>	Create statistics and reports in manager view	IN PROGRESS		-		
<input checked="" type="checkbox"/>	Create manager reports	IN PROGRESS		-		
<input checked="" type="checkbox"/>	Add location API	DONE		-		
<input checked="" type="checkbox"/>	finish merge from SPRINT 1	DONE		3		
<input checked="" type="checkbox"/>	Fix blurring with top layer of carousel	DONE		1		
<input checked="" type="checkbox"/>	fix the buttons in the cart	DONE		1		
<input checked="" type="checkbox"/>	fix the cart size	DONE		1		
<input checked="" type="checkbox"/>	Fix Carousel changing animation breaks	DONE		3		
<input checked="" type="checkbox"/>	fix buttons on carousel	DONE		3		
<input checked="" type="checkbox"/>	fix depth update errors on carousel	DONE		3		



Date :	Key :	Summary :	Issue type :	Epic :	Details of scope change :	Change in estimation
2024-10-24	SCRUM-1	make a POS for Servers	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-16	Cashiers need to be able to add items	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-15	Cashers need to be able to update inventory	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-13	Users need to be able to order items from the menu	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-14	Cashiers need to be able to view inventory status	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-52	Managers should be able to place a return	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-17	Users need to be able to navigate the menu to place and order	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-51	Users should get a confirmation code or receipt	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-18	Employees need to be able to mark orders as completed	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-50	Managers should be able to add seasonal items	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-49	users should have an about section at the bottom of the display that lets t...	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-19	Create horizontal carrousel on customer display	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-20	Create formatting for customer display including how to arrange the menus	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-21	add taxes to the cost of the order	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-23	Managers should be able to fire/remove employees	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-22	Managers should be able to add employees	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-24	Managers should be able to edit employee data	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-48	Managers should be able to see a product usage chart	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-25	get icons for all of the buttons, including the hamburger button, the cart b...	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-47	users should have a navigateable menu that can go to various categories	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-46	Customers need to be able to add items to an order in progress	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-26	create floating croissant	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-44	Managers should be able to create a Z-Report	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-27	Display Featured Items for the menu board	Story		Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-28	Customers should be able to swipe the carousel and look at all the items	Story		Estimate of 3 has been added	- → 3



2024-10-24	SCRUM-43	Customers need to be able to remove items from an order in progress	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-42	Managers should be able to create an X-Report	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-30	make the kitchen pos just have a list of orders that need to be completed	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-41	users should be able to add items, place orders, and checkout	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-29	create nice UI for fade between featured items for menu board items	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-31	Employees should be able to edit their own user data	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-40	Customers visiting the kiosk menu should see categories of food items, no...	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-38	each entry on a menu board should have a price, what options there are, a...	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-39	the menu board should be organized into a variable grid	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-37	Users should be able to see a menu board where everything on the menu ...	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-36	Managers should be able to retroactively mark completed orders as inco...	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-35	Managers should be able to edit orders	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-34	Managers should be able to mark orders as complete, like employees	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-32	The Manager or an authorized employee should be able to exit out of kios...	Story	Estimate of 3 has been added	- → 3
2024-10-24	SCRUM-33	kiosk mode is the mode for customers, a manager should have the ability ...	Story	Estimate of 3 has been added	- → 3
2024-11-05	SCRUM-26	create floating croissant	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-21	add taxes to the cost of the order	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-27	Display Featured Items for the menu board	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-28	Customers should be able to swipe the carousel and look at all the items	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-31	Employees should be able to edit their own user data	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-38	each entry on a menu board should have a price, what options there are, a...	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-35	Managers should be able to edit orders	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-42	Managers should be able to create an X-Report	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-44	Managers should be able to create a Z-Report	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-48	Managers should be able to see a product usage chart	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-49	users should have an about section at the bottom of the display that lets t...	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-51	Users should get a confirmation code or receipt	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-52	Managers should be able to place a return	Story	Issue removed from sprint	-3
2024-11-05	SCRUM-53	Deploy product	Task	Issue added to sprint	2

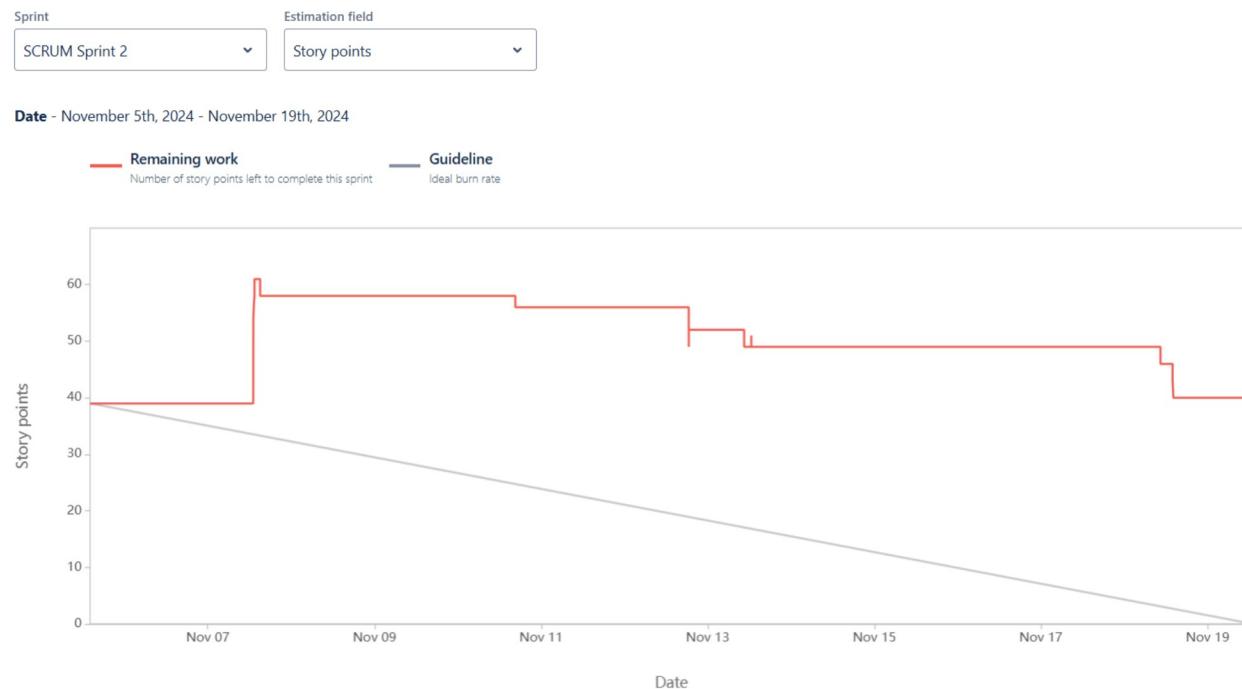
Backlog

Sprint Backlog

Backlog	
<input type="checkbox"/> SCRUM Sprint 2 - 5-Nov - 19-Nov - (38 items)	View details
<input checked="" type="checkbox"/> SCRUM-26 - create floating carousel	View details
<input checked="" type="checkbox"/> SCRUM-21 - add taxes to the cost of the order	View details
<input checked="" type="checkbox"/> SCRUM-27 - Display featured items for the menu board	View details
<input checked="" type="checkbox"/> SCRUM-48 - Managers should be able to see a product usage chart	View details
<input checked="" type="checkbox"/> SCRUM-42 - Managers should be able to create an X-Report	View details
<input checked="" type="checkbox"/> SCRUM-44 - Manager should be able to create a Z-Report	View details
<input type="checkbox"/> SCRUM-28 - Customers should be able to swipe the carousel and look at all the items	View details
<input checked="" type="checkbox"/> SCRUM-31 - Employees should be able to edit their own user data	View details
<input checked="" type="checkbox"/> SCRUM-38 - each entry on a menu board should have a price, what options there are, and how the prices change along with an image	View details
<input checked="" type="checkbox"/> SCRUM-35 - Managers should be able to edit orders	View details
<input checked="" type="checkbox"/> SCRUM-49 - users should have an about section at the bottom of the display that lets them know about the company and what they support	View details
<input checked="" type="checkbox"/> SCRUM-41 - Users should get a confirmation code or receipt	View details
<input checked="" type="checkbox"/> SCRUM-44 - Add a high contrast mode or ability for chrome themes to work	View details
<input checked="" type="checkbox"/> SCRUM-46 - Add weather API integration	View details
<input checked="" type="checkbox"/> SCRUM-44 - add text enlargement (this is an accessibility feature)	View details
<input checked="" type="checkbox"/> SCRUM-37 - Recommend drinks based off of weather API integration	View details
<input checked="" type="checkbox"/> SCRUM-52 - Managers should be able to place a return	View details
<input checked="" type="checkbox"/> SCRUM-44 - Integrate images with carousel	View details
<input checked="" type="checkbox"/> SCRUM-43 - Create statistics and reports in manager view	View details
<input checked="" type="checkbox"/> SCRUM-64 - Create manager reports	View details
<input checked="" type="checkbox"/> SCRUM-60 - Add location API	View details
<input checked="" type="checkbox"/> SCRUM-44 - Finish merge from SPRINT 1	View details
<input checked="" type="checkbox"/> SCRUM-44 - Fix blurring with top layer of carousel	View details
<input checked="" type="checkbox"/> SCRUM-45 - fix the buttons in the cart	View details
<input checked="" type="checkbox"/> SCRUM-44 - fix the cart size	View details
<input checked="" type="checkbox"/> SCRUM-47 - Fix Carousel changing animation breaks	View details
<input checked="" type="checkbox"/> SCRUM-48 - fix buttons on carousel	View details
<input checked="" type="checkbox"/> SCRUM-49 - fix depth update errors on carousel	View details
+ Create issue	View settings

Burn-down Charts

Sprint 2 Chart

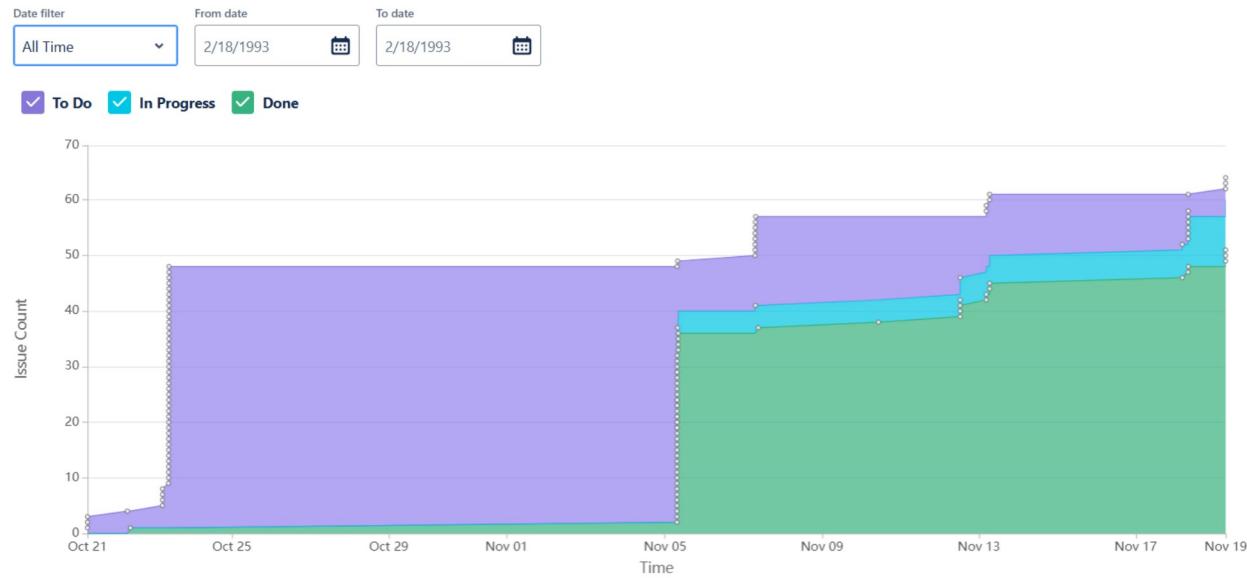




Product Chart

Cumulative flow diagram

[How to read this report](#)



We couldn't find a way to do a product burndown chart in Jira so this is a cumulative flow diagram that shows all of the story points separated into three categories.

Next Sprint's SCRUM Meeting Schedule

Meet every Tuesday and Thursday as well as on an as-needed basis. The main dates would be 11/21/24, 11/26/24, and 12/03/24.



Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Coffee Cats

Prepared by: Raphael Clark

Meeting Date: 11/7/2024

Meeting Attendees

1. Raphael Clark
2. Mathias Miu
3. Gage Howe
4. Thomas Mullens

Meeting Agenda Items

- Merge Work On GitHub
- Update Jira

Status Update Since Last Meeting

Accomplishments:

- Merged Work

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Merged	Everyone	no

Before The Next Meeting

Plans:

- Location API
- Weather API
- Images in Carousel/grid Menu

Task Assignments:



Task Description	Assigned to
Location API	Raphael Clark
Weather API	Gage Howe
Images in Carousel/grid Menu	Mathias Miu
Image Sub Text/High Contrast Mode	Thomas Mullens

Minutes from Previous Meeting

In the previous meeting, we completed our Sprint 1 written material, deployed our product, made a project overview slide, and recorded a video presenting the slides. Since these tasks took longer than expected we couldn't merge that meeting and pushed it back to this one. We also updated Jira and realized that we need to update Jira more frequently to have a more accurate burndown chart.

SCRUM Meeting 2 for Coffee Cats

Prepared by: Mathias Miu

Meeting Date: 11/12/2024

Meeting Attendees

1. Gage Howe
2. Mathias Miu
3. Raphael Clark
4. Thomas Mullens

Meeting Agenda Items

- Merge
- Get ready for GitHub release
- Finish the user report

Status Update Since Last Meeting

Accomplishments:

- High Contrast Mode
- Weather API
- Add images to the Carousel Menu

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Implement a button that will put the customer view into a high-contrast mode	Thomas Mullens	Yes
Add a Weather API if the user is signed in	Gage Howe	Yes
Add images to the carousel menu to improve the look	Mathias Miu	Yes

Before The Next Meeting

Plans:

- Implement our last accessibility feature
- Finish

Task Assignments:

Task Description	Assigned to
Add a button to enlarge the text	Thomas Mullens
Remake The carousel animations and add better buttons to the cart	Raphael Clark
Make taxes in order, show each item price in the menu grid, and have featured drinks based on the weather API	Mathias Miu

Minutes from Previous Meeting

The last meeting was a short one, where we just merged our work and then planned what needed to be done next and who would implement it.

SCRUM Meeting 3 for Coffee Cats

Prepared by:

Meeting Date:

Meeting Attendees

5. Raphael Clark
6. Mathias Miu
7. Gage Howe
8. Thomas Mullens

Meeting Agenda Items

- Merge
- Finish Sprint 2 Materials

Status Update Since Last Meeting

Accomplishments:

- Accessibility finished
- Cart Finished

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Added a button to increase the text size across the screen	Thomas Mullens	Yes
Finished better Cart buttons and styling	Raphael Clark	Yes

Before The Next Meeting

Plans:

- Continue implementation of uncompleted tasks
- Merge by the next meeting

Task Assignments:

Task Description	Assigned to
Continue implementation of previous meeting's tasks	Mathias

Merge Everything	Everyone
Make sure the Carousel is finished	Raphael
Decide whether or not the 3d object is going to be able to be done with a feasible amount of effort	Raphael
Finish the report charts	Gage
Implement high contrast and text size to app.js	Thomas

Minutes from Previous Meeting

We merged all of our work from the meeting beforehand. Then we each talked about who each person would talk to for their part of the user report. We also decided to finish the document asynchronously to add more time to find a user to do a user study with.