Sprint 1 Materials

Team 3b

Nathan Tserng
Christopher Kim
Robert Longo
Roshan Sreedhar
Joshua Abraham

Retrospective Summary

During our retrospective, we discussed things that went right, things that went wrong, and things we would want to change. One thing that went right during the sprint was that we were able to successfully communicate with each other to get our work done. Because of this, we also had no merge conflicts because we made sure to branch properly and communicate the work that each of us was doing. One thing that went wrong during the sprint was that we planned to do more than we could handle, which resulted in us not being able to finish everything we had originally planned for this sprint. We might need to adjust the product backlog to push everything back a little bit because of the delay that we experienced in this first sprint. We also had to do a lot of learning during this sprint, which is why we were also not able to accomplish as much as we had originally planned. One change that needs to be made regarding procedure is we need to have more meetings online because lectures and labs have been made hybrid. During this sprint, we made a lot of progress in person during lectures and labs. However, with the new format, our team needs to find more times that we can meet virtually so that we can still communicate and sync up with each other. Communication is going to be very important for these upcoming sprints, so we need to make sure that we prioritize that.

GitHub Release Link

https://github.com/CSCE331-Fall2024/project-3-team-3B/releases/tag/v1.0.0

Product Backlog

Type	Key	Summary	Status	Assignee	Story Points	Labels
☑	KAN-2	Modify database schema to fit the new project	IN PROGRESS	cjk388		Sprint1
☑	KAN-3	Create new tables in the database to house the new data	DONE	cjk388		Sprint1
☑	KAN-4	Create basic cashier point-of-sales system interface	DONE	Robert Longo		Sprint1
☑	KAN-15	Create a new GitHub repository	DONE	ntserng		Sprint1
☑	KAN-43	Submit Sprint 1 GitHub release	DONE	ntserng		Sprint1
☑	KAN-16	Create a new React project	DONE	Robert Longo		Sprint1
☑	KAN-28	Add simple intuitive navigation buttons for our pages	IN PROGRESS	roshansreedhar2024		Sprint1
☑	KAN-29	Connect to our database using our team's login	DONE	roshansreedhar2024		Sprint1
☑	KAN-32	Write a script to populate our employees database	DONE	roshansreedhar2024		Sprint1
☑	KAN-30	Add a visual cart so that customers can see their order up...	TO DO	Robert Longo		Sprint1
☑	KAN-31	Write a script to populate our orders database	DONE	roshansreedhar2024		Sprint1
☑	KAN-33	Implement an in stock vs out of stock value for each food i...	DONE	cjk388		Sprint1
☑	KAN-49	Create general structure of project ie. what language we a...	DONE	ntserng		Sprint1
☑	KAN-50	Create a nav bar that allows users to move between pages	TO DO	Robert Longo		Sprint1
☑	KAN-51	Create a footer that displays general information such as s...	DONE	Robert Longo		Sprint1
☑	KAN-52	Create manager page that allows managers to get various ...	TO DO	cjk388		Sprint1
☑	KAN-53	Create cashier page that allows them to take orders	TO DO	ntserng		Sprint1
☑	KAN-54	Create customer page that allows them to take order	TO DO	Robert Longo		Sprint1
☑	KAN-55	Create menuitem component to display the different men...	TO DO	roshansreedhar2024		Sprint1
☑	KAN-56	Create a fooditem component to display the different food...	TO DO	cjk388		Sprint1
☑	KAN-5	Create basic manager desktop conventional interface	TO DO	abrahamj101		Sprint2
☑	KAN-6	Create basic customer self-service kiosk interface	TO DO	abrahamj101		Sprint2
☑	KAN-7	Create basic non-interactive large multi-display interface ...	TO DO	abrahamj101		Sprint2
☑	KAN-11	Add food images to our customer interface	TO DO	abrahamj101		Sprint2
☑	KAN-14	Connect the frontend to the backend	TO DO			Sprint2
☑	KAN-44	Submit Sprint 2 GitHub release	TO DO			Sprint2
☑	KAN-17	Add functionality to create orders	TO DO			Sprint2
☑	KAN-18	Add functionality to add employees	TO DO			Sprint2
☑	KAN-19	Add functionality to edit employees	TO DO			Sprint2
☑	KAN-20	Add functionality to delete employees	TO DO			Sprint2
☑	KAN-21	Add functionality to add food items	TO DO			Sprint2
☑	KAN-22	Add functionality to edit food items	TO DO			Sprint2
☑	KAN-23	Add functionality to delete food items	TO DO			Sprint2
☑	KAN-24	Add functionality to add menu items	TO DO			Sprint2

☐	☑	KAN-25	Add functionality to edit menu items	TO DO			Sprint2
☐	☑	KAN-26	Add functionality to delete menu items	TO DO			Sprint2
☐	☑	KAN-27	Add functionality to view order history	TO DO			Sprint2
☐	☑	KAN-36	Add functionality to delete seasonal items	TO DO			Sprint2
☐	☑	KAN-35	Add functionality to edit seasonal items	TO DO			Sprint2
☐	☑	KAN-34	Add functionality to add seasonal items	TO DO			Sprint2
☐	☑	KAN-8	Implement text to speech features throughout the web ap...	TO DO			Sprint3
☐	☑	KAN-9	Implement the ability to enlarge the text on the page for s...	TO DO			Sprint3
☐	☑	KAN-10	Use a machine translation API to translate the whole web ...	TO DO			Sprint3
☐	☑	KAN-12	Use a 3rd-party authentication API to perform user authe...	TO DO			Sprint3
☐	☑	KAN-13	Use a weather service API to display the weather in the co...	TO DO			Sprint3
☐	☑	KAN-45	Submit Sprint 3 GitHub release	TO DO			Sprint3
☐	☑	KAN-47	Present our final project	TO DO			Sprint3
☐	☑	KAN-46	Document our code	TO DO			Sprint3
☐	☑	KAN-39	Add functionality to give nutritional and allergen alerts for ...	TO DO			Sprint3
☐	☑	KAN-37	Add functionality to create a sales report based on a certa...	TO DO			Sprint3
☐	☑	KAN-42	Add ability to create product usage reports for the manag...	TO DO			Sprint3
☐	☑	KAN-41	Add ability to create Z reports for the managers	TO DO			Sprint3
☐	☑	KAN-38	Add functionality to change the payment method of an or...	TO DO			Sprint3
☐	☑	KAN-40	Add ability to create X reports for the managers	TO DO			Sprint3
☐	☑	KAN-48	Submit Project 3 Group Retrospective	TO DO			Sprint3
☐	☑	KAN-57	As someone who is blind, I want text to speech features s...	TO DO		5	
☐	☑	KAN-58	As someone who has poor reading ability, I want the abilit...	TO DO		5	
☐	☑	KAN-59	As someone who is bilingual, I want the ability to change t...	TO DO		5	
☐	☑	KAN-60	As a customer, I want the interface to have images for the ...	TO DO		2	
☐	☑	KAN-61	As someone who does not use technology often, I want th...	DONE		1	
☐	☑	KAN-62	As a customer, I want to be able to create orders and sub...	TO DO		5	
☐	☑	KAN-63	As a manager, I want to be able to add, edit, and delete e...	TO DO		3	
☐	☑	KAN-64	As a manager, I want to be able to add, edit, and delete fo...	TO DO		3	
☐	☑	KAN-65	As a cashier, I want to be able to place orders using the ki...	TO DO		5	
☐	☑	KAN-66	As a manager, I want to be able to create and view reports...	TO DO		5	
☐	☑	KAN-67	As a user, I want to be able to have an interface to interact...	DONE		8	
☐	☑	KAN-68	As a user, I want the ability to log in so that I can have an a...	TO DO		5	

Sprint Backlog

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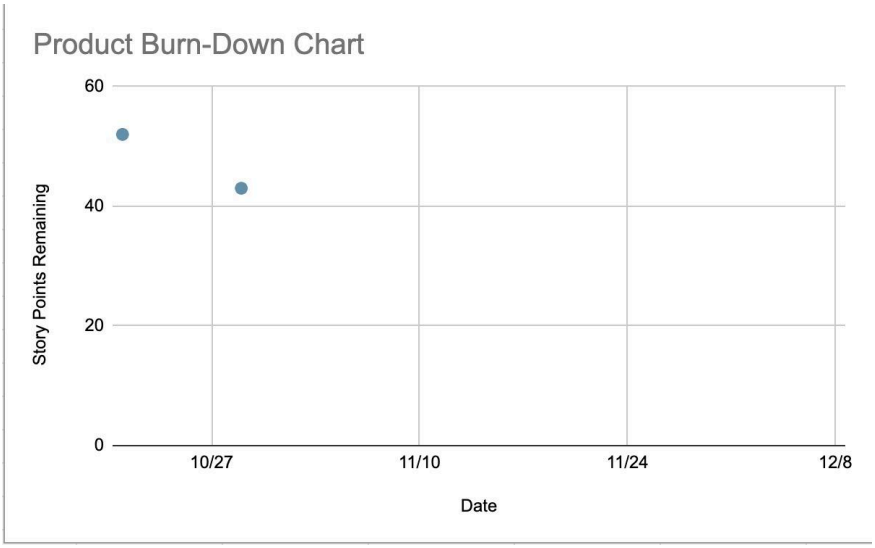
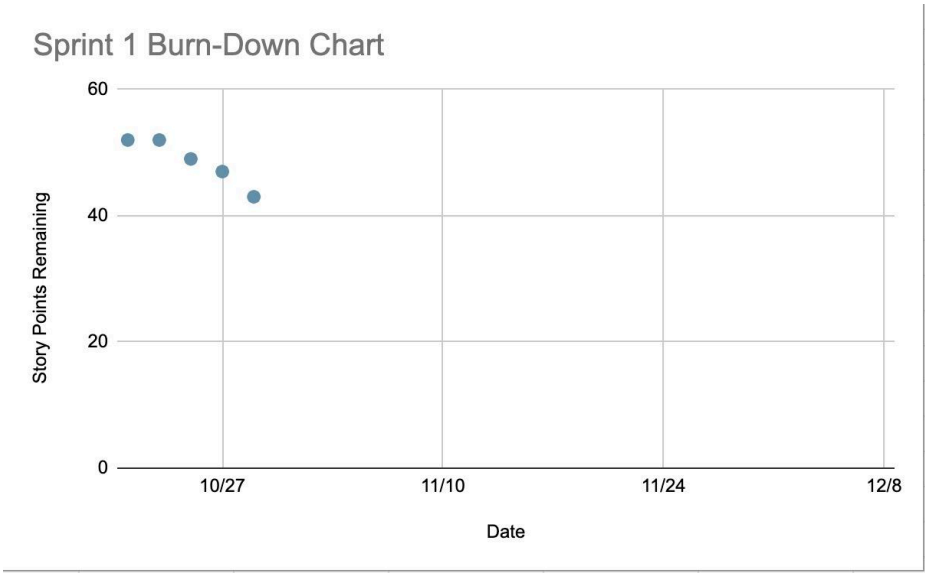
Burn-down Charts





	Sprint 1	Sprint 2	Sprint 3
Nathan Tserng	3		
Christopher Kim	2		
Robert Longo	2		
Joshua Abraham	1		
Roshan Sreedha	1		

Next Sprint's SCRUM Meeting Schedule

SCRUM Meeting 4: November 4, 2024

SCRUM Meeting 5: November 6, 2024

SCRUM Meeting 6: November 8, 2024

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Project 3
Prepared by: Nathan Tserng
Meeting Date: October 24, 2024

Meeting Attendees

1. Nathan Tserng
2. Christopher Kim
3. Robert Longo
4. Roshan Sreedhar
5. Joshua Abraham

Meeting Agenda Items

- Starting to code for Project 3
- Choose language, library and framework for back end

Status Update Since Last Meeting

Accomplishments:

- Set up the Github repository successfully
- Decided to use React for Front end

Tasks Completed:

Task Description	**Assigned to**	**Completed? (yes/no)**
Create the Github Repository	Christopher Kim	Yes
Create the react project	Nathan Tserng	Yes

Before The Next Meeting

Plans:

- Create a basic React Front end
- Connect to the postgres database

Task Assignments:

Task Description	Assigned to
Create a basic front end	Robert Longo, Nathan Tserng
Connect to the database	Christopher Kim, Roshan Sreedhar, and Joshua Abraham

Minutes from Previous Meeting

We discussed the needs of the projects and went over the Project 3 description on canvas. We started to brainstorm different features we will eventually need to make. Additionally, we also talked about what the different user stories were and the structure of our web application.

SCRUM Meeting 2 for Project 3
Prepared by: Nathan Tserng
Meeting Date: October 26, 2024

Meeting Attendees

1. Nathan Tserng
2. Christopher Kim
3. Robert Longo
4. Roshan Sreedhar
5. Joshua Abraham

Meeting Agenda Items

- Organization of Project directory
- Connecting to the database

Status Update Since Last Meeting

Accomplishments:

- Created a basic front end design
- Created a landing and customer page

Tasks Completed:

Task Description	**Assigned to**	**Completed? (yes/no)**
Create a basic front end	Robert Longo, Nathan Tserng	Yes
Connect to the database	Christopher Kim, Roshan Sreedhar, and Joshua Abraham	No

Before The Next Meeting

Plans:

- Successfully connect to the database
- Separate some of the current front end code into different components to reduce redundant code and make the code easier to navigate

Task Assignments:

Task Description	**Assigned to**
Connect to the Database	Nathan Tserng, Roshan Sreedhar
Split front end into components	Christopher Kim, Robert Longo, Joshua Abraham

Minutes from Previous Meeting

We discussed the best way to connect to the database. We decided that using Node and Express would be the best way to connect to the database. Additionally, we all created a lo-fi diagram on how the actual web pages should look, and based on all our designs we chose the best one. We then discussed what would need to be accomplished and who should be assigned to which tasks.

SCRUM Meeting 3 for Project 3
Prepared by: Nathan Tserng
Meeting Date: October 28, 2024

Meeting Attendees

1. Nathan Tserng
2. Christopher Kim
3. Robert Longo
4. Roshan Sreedhar
5. Joshua Abraham

Meeting Agenda Items

- Remote Hosting
- Render the information from the database

Status Update Since Last Meeting

Accomplishments:

- Connected to Database
- Split front end to components

Tasks Completed:

Task Description	**Assigned to**	**Completed? (yes/no)**
Connect to the Database	Nathan Tserng, Roshan Sreedhar	Yes
Split front end into components	Christopher Kim, Robert Longo, Joshua Abraham	Yes

Before The Next Meeting

Plans:

- Be able to take the information from the database and display it onto the front end
- Host the project using Render.com

Task Assignments:

Task Description	Assigned to
Display the menu items for the customer page	Christopher Kim, Nathan Tserng, Robert Longo
Host the Github repository on render.com	Joshua Abraham, Roshan Sreedhar

Minutes from Previous Meeting

We were unable to connect to the database, so we discussed some of the struggles we were having. Since most of us did not have experience in React and Node, we were confused, so Nathan, who has the most experience, said he could handle the connection. We then talked about what components each page needed since the current front end was not utilizing different components. We talked about how we can split our current code into different components. For example, a header and a footer component.