



Sprint 1 Materials

Team1

Justin Abraham

Pablo Pineda IV

Raquel Oseguera

Nhi Vu

Retrospective Summary

During this sprint we were mainly just figuring out what kind of technology we wanted to use for the project and how we wanted to layout the files so that it was easy to find and search through. We settled on using EJS, Express, and Node - basically Javascript and EJS to create our project. We then worked on getting a foundational project folder setup so that everyone can run the project. For this first sprint we wanted to get the frontend done and get started on being able to query the backend - but due to classes - it was exam season - and the learning curve for the languages, this took longer than we expected. So currently the backend and part of the cart front end is being pushed to the second sprint, and we plan to have that all done by the second sprint so that we can work on implementing the accessibility features in our last sprint. In order to meet with everyone on time for scrum meetings we plan on having the scrum meetings to be in the lab or in class since that is when everyone is attending. In sprint 1, we got the google authentication working and the basic front ends for the customer dashboard working. So this means when the customer login they will see options to different menu sections, and when they click those buttons it will take you to the menu for that section with a list of items and option to add them to cart. We also implemented a sign out button to sign out. When we log in there is a manager account and regular account, if you are manager, then you are redirected to the manager dashboard.

GitHub Release Link

https://github.com/CSCE315-Spring23/CSCE315_Project3_Team_1/releases/tag/1

Product Backlog

Task	Priorities	Dependencies	Time	Status
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			Estimate	
Make login front end	High	learn api	4 hour	Completed
Make login for customer	Low	learn api	4 hour	Completed
Make login for manager	Low	learn api	4 hour	Completed
Make login for employee	Low	learn api	4 hour	Completed
Make flags for who is logging in	Low	learn api	4 hour	Completed
Make connection to database class	High	learn node js pg library	4 hour	In progress
Make query function for database	High	learn node js pg library	2 hour	In progress
Make frontend for customer view	High	Learn ejs and js	4 hour	Completed
Make frontend for employee view	High	Learn ejs and js	4 hour	Completed
Show updated menu items	Medium	Learn ejs and js	2 hour	In progress
When you click Entrees, it takes you to the page for all the entree options.	Medium	Connection to data base	2 hour	Completed
When you click Sides, it takes you to the page for all the sides options.	Medium	Connection to data base	2 hour	Completed
When you click Drinks, it takes you to the page for all the drinks options.	Medium	Connection to data base	2 hour	Completed
When you click Salads, it takes you to the page for all the salad options.	Medium	Connection to data base	2 hour	Completed
When you click Treats, it takes you to the page for all the treat options.	Medium	Connection to data base	2 hour	Completed
Display menu items depending on which page you are on.	Medium	Connection to data base	2 hour	Completed
Make sure the page is auto resizing	Medium	Front end views	4 hour	To do
Add to cart function	Medium	Front end	2 hour	In



		customer view		progress
Make front end for cart view	High	Front end customer view	4 hour	In progress
Remove item from cart function	Low	Front end cart view	2 hour	In progress
Display item on cart function	Medium	Front end cart view	4 hour	In progress
Get cart total function	Low	Front and Back end on cart	1 hour	In progress
Go back to menu from cart	High	Front end of customer and cart view	1 hour	In progress
Logout button and this disconnects from the database	High	Database connection and front end buttons working	2 hour	Completed
Make checkout function and button	High	Database connection and front end buttons working	4 hour	To do
Add order to order history when checkout is clicked.	Medium	Database connection and front end buttons working	1 hour	To do
Make frontend for manager view	High	Learn ejs and js	4 hour	In progress
Make function to pull menu items from database and view on manager view	Medium	Database connection and front end buttons working	4 hour	To do
Make function to pull inventory ingredients from database and viewable	Medium	Database connection and front end buttons working	4 hour	To do
Make field to add items to menu	High	Converting Java to JS	1 hour	To do
Update the database with new menu item	Medium	Converting Java to JS	2 hour	To do
Make field to add new ingredient	Medium	Converting Java to JS	2 hour	To do



Update the inventory database when prompted	Medium	Database connection and Back end functionality	2 hour	To do
Update the table when new items are added to the database	Medium	Database connection and Back end functionality	1 hour	To do
Add button to X Report	High	Use ejs to Create button	2 hour	To do
Add functionality to show X report	Medium	Converting Java to JS	2 hour	To do
Add button to Z Report	High	Use ejs to Create button	2 hour	To do
Add functionality to show Z report	Medium	Converting Java to JS	2 hour	To do
Add button to Excess Report	High	Use ejs to Create button	2 hour	To do
Add functionality to show Excess report	Medium	Converting Java to JS	4 hour	To do
Add button to Order History	High	Use ejs to Create button	2 hour	To do
Add functionality to show order history	Medium	Converting Java to JS	8 hour	To do
Add button to Restock Report	High	Use ejs to Create button	2 hour	To do
Add functionality to show restock report	Medium	Converting Java to JS	8 hour	To do
Make a field for changing threshold for restock report	High	Use ejs to create a field	4 hour	To do
Add field for weather button	Medium	Use google api	4 hour	To do
Add functionality to pull data from weather api and view on customer dashboard	Low	learn different js framework	1 day	To do
Add google translate functionality	Low	Use google api	8 hour	In progress
Add dropdown to select language for google translate	Low	Use ejs to create dropdown	8 hour	In progress



Change font size button	Low	Use ejs to change	4 hour	To do
Add functionality to changing font size button	Low	Learn API	4 hour	To do
Refactoring frontend of login	Low	A working login page	4 hour	To do
Refactoring frontend of customer view	Low	Converting Java to JS	4 hour	To do
Refactoring frontend of manager view	Low	Converting Java to JS	4 hour	To do
Refactoring backend of login	Low	Converting Java to JS	4 hour	To do
Refactoring backend of customer view	Low	Converting Java to JS	4 hour	To do
Refactoring backend of manager view	Low	Converting Java to JS	4 hour	To do
Test functionalities	Low	A working front/backend	1 day	To do
Working foundation to the project	High	Agree on language	1 day	Completed

Sprint Backlog

Task	Priorities	Time Estimate	Time Spent	Status	Assignment	Sprint
Make login front end	High	4 hour	1	Completed	Justin Abraham	Sprint 1
Make login for customer	Low	4 hour	1	Completed	Justin Abraham	Sprint 1
Make login for manager	Low	4 hour	1	Completed	Nhi Vu	Sprint 1
Make login for employee	Low	4 hour	1	Completed	Nhi Vu	Sprint 1
Make flags for who is logging in	Low	4 hour	1	Completed	Raquel Oseguera	Sprint 1
Make connection to database class	High	4 hour	0	To do	Raquel Oseguera	Sprint 1



Make query function for database	High	2 hour	0	To do	Pablo Pineda IV	Sprint 1
Make frontend for customer view	High	4 hour	2	Completed	Justin Abraham	Sprint 1
Make frontend for employee view	High	4 hour	0	To do	Nhi Vu	Sprint 1
Show updated menu items	Medium	2 hour	0	To do	Nhi Vu	Sprint 1
When you click Entrees, it takes you to the page for all the entree options.	Medium	2 hour	1	Completed	Justin Abraham	Sprint 1
When you click Sides, it takes you to the page for all the sides options.	Medium	2 hour	1	Completed	Justin Abraham	Sprint 1
When you click Drinks, it takes you to the page for all the drinks options.	Medium	2 hour	1	Completed	Nhi Vu	Sprint 1
When you click Salads, it takes you to the page for all the salad options.	Medium	2 hour	1	Completed	Nhi Vu	Sprint 1
When you click Treats, it takes you to the page for all the treat options.	Medium	2 hour	1	Completed	Nhi Vu	Sprint 1
Display menu items depending on which page you are on.	Medium	2 hour	1.5	Completed	Raquel Oseguera	Sprint 1
Make sure the page is auto resizing	Medium	4 hour	0	To do	Raquel Oseguera	Sprint 1
Add to cart function	Medium	2 hour	0	To do	Pablo Pineda IV	Sprint 1
Make front end for cart view	High	4 hour	0	To do	Pablo Pineda IV	Sprint 1
Remove item from cart function	Low	2 hour	0	To do	Raquel Oseguera	Sprint 1



Display item on cart function	Medium	4 hour	0	To do	Raquel Oseguera	Sprint 1
Get cart total function	Low	1 hour	0	To do	Justin Abraham	Sprint 1
Go back to menu from cart	High	1 hour	0	To do	Nhi Vu	Sprint 1
Logout button and this disconnects from the database	High	2 hour	1	Completed	Pablo Pineda IV	Sprint 2
Make checkout function and button	High	4 hour	0	To do	Justin Abraham	Sprint 2
Add order to order history when checkout is clicked.	Medium	1 hour	0	To do	Raquel Oseguera	Sprint 2
Make frontend for manager view	High	4 hour	0	To do	Justin Abraham	Sprint 2
Make function to pull menu items from database and view on manager view	Medium	4 hour	0	To do	Pablo Pineda IV	Sprint 2
Make function to pull inventory ingredients from database and viewable	Medium	4 hour	0	To do	Raquel Oseguera	Sprint 2
Make field to add items to menu	High	1 hour	0	To do	Justin Abraham	Sprint 2
Update the database with new menu item	Medium	2 hour	0	To do	Justin Abraham	Sprint 2
Make field to add new ingredient	Medium	2 hour	0	To do	Raquel Oseguera	Sprint 2
Update the inventory database when prompted	Medium	2 hour	0	To do	Pablo Pineda IV	Sprint 2
Update the table when new items are added to the database	Medium	1 hour	0	To do	Nhi Vu	Sprint 2
Add button to X Report	High	2 hour	0	To do	Justin Abraham	Sprint 2



Add functionality to show X report	Medium	2 hour	0	To do	Pablo Pineda IV	Sprint 2
Add button to Z Report	High	2 hour	0	To do	Nhi Vu	Sprint 2
Add functionality to show Z report	Medium	2 hour	0	To do	Justin Abraham	Sprint 2
Add button to Excess Report	High	2 hour	0	To do	Raquel Oseguera	Sprint 2
Add functionality to show Excess report	Medium	4 hour	0	To do	Pablo Pineda IV	Sprint 2
Add button to Order History	High	2 hour	0	To do	Raquel Oseguera	Sprint 2
Add functionality to show order history	Medium	8 hour	0	To do	Nhi Vu	Sprint 2
Add button to Restock Report	High	2 hour	0	To do	Justin Abraham	Sprint 2
Add functionality to show restock report	Medium	8 hour	0	To do	Nhi Vu	Sprint 3
Make a field for changing threshold for restock report	High	4 hour	0	To do	Pablo Pineda IV	Sprint 3
Add field for weather button	Medium	4 hour	0	To do	Raquel Oseguera	Sprint 3
Add functionality to pull data from weather api and view on customer dashboard	Low	1 day	0	To do	Justin Abraham	Sprint 3
Add google translate functionality	Low	8 hour	0	To do	Nhi Vu	Sprint 3
Add dropdown to select language for google translate	Low	8 hour	0	To do	Pablo Pineda IV	Sprint 3
Change font size button	Low	4 hour	0	To do	Nhi Vu	Sprint 3
Add functionality to changing font size button	Low	4 hour	0	To do	Raquel Oseguera	Sprint 3
Refactoring frontend of login	Low	4 hour	0	To do	Justin Abraham	Sprint 3

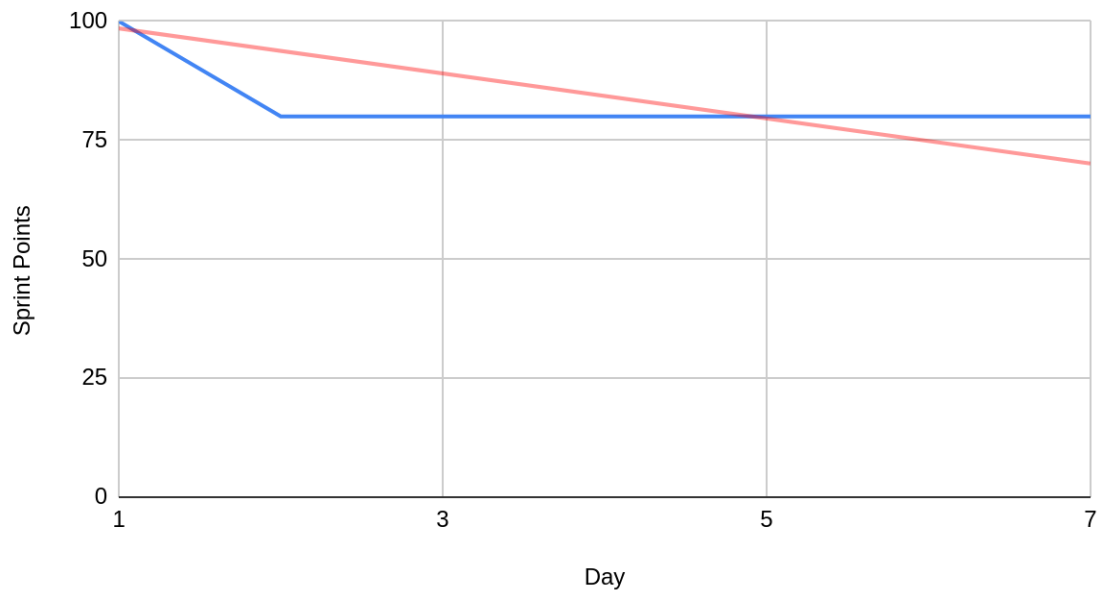


Refactoring frontend of customer view	Low	4 hour	0	To do	Pablo Pineda IV	Sprint 3
Refactoring frontend of manager view	Low	4 hour	0	To do	Raquel Oseguera	Sprint 3
Refactoring backend of login	Low	4 hour	0	To do	Nhi Vu	Sprint 3
Refactoring backend of customer view	Low	4 hour	0	To do	Justin Abraham	Sprint 3
Refactoring backend of manager view	Low	4 hour	0	To do	Raquel Oseguera	Sprint 3
Test functionalities	Low	1 day	0	To do	Pablo Pineda IV	Sprint 3
Working foundation to the project	High	1 day	1	Completed	Raquel Oseguera	Sprint 3

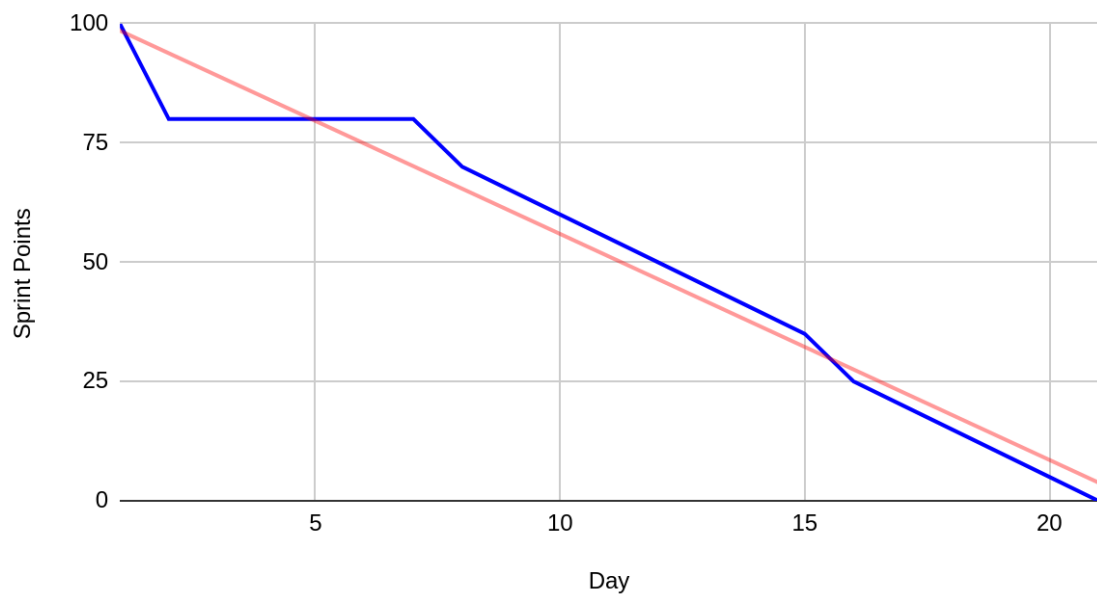


Burn-down Charts

Sprint Points vs. Day - Sprint



Sprint Points vs. Day - Product





Next Sprint's SCRUM Meeting Schedule

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for **Project3**

Prepared by: Justin

Meeting Date: 04/04/23

Meeting Attendees

1. Justin Abraham
2. Pablo Pineda IV
3. Raquel Oseguera
4. Nhi Vu

Meeting Agenda Items

- Talk about how the first week was
- Any issues that have come up

Status Update Since Last Meeting

Accomplishments:

- Get a good schedule of project 3 and assign tasks to individual team members.
- Setup github and environment for each individual task

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Setup github for the project	Justin Abraham	yes
Assign tasks to individual team members	Raquel Oseguera	yes

Before The Next Meeting

Plans:

- Integrate backend on customer's dashboard
- Add functions to the buttons on frontend so that Customers can checkout menu items



Task Assignments:

Task Description	Assigned to
Make connection to database class	Raquel Oseguera
Make query function for database	Pablo Pineda IV
Show updated menu items	Raquel Oseguera
Make checkout function and button	Justin Abraham
Make front end for cart view	Justin Abraham
Add order to order history when checkout is clicked.	Nhi Vu
Go back to menu from cart	Justin Abraham
Get cart total function	Pablo Pineda IV
Display item on cart function	Nhi Vu
Make checkout function and button	Nhi Vu
Make function to pull menu items from database and view on manager view	Raquel Oseguera

Minutes from Previous Meeting

In this meeting we laid out the foundation for this project. We assigned individual tasks to team members and discussed our responsibilities. Justin pointed out that we have to have the backend working by the next meeting. We discussed what we all completed and shared it with one another. Justin also went over the specific tasks that need to be completed by next week. We made time twice a week for us to meet outside of class to discuss our schedule. Scrum meetings now have dates that we plan on meeting and discussing and sharing aspects of the completion of the project. Nhi and Justin discussed the implementation of the front end of this project and what they will work on over the next week. Pablo and Raquel discussed the implementation of the back end of this project and what they will work on over the next week. Justin also went over technical details about back end and front things that did well in this Sprint of the project. Concluded this meeting on how consistent this project went and what to include and exclude from the next Sprint.



SCRUM Meeting 2 for Project 3

Prepared by: Justin Abraham

Meeting Date: 04/07/23

Meeting Attendees

5. Justin Abraham
6. Pablo Pineda IV
7. Raquel Oseguera
8. Nhi Vu

Meeting Agenda Items

- Getting a working backend for Customer's dashboard
- Implement checkout section for Customer after adding items to cart

Status Update Since Last Meeting

Accomplishments:

- Integrate backend on customer's dashboard
- Add functions to the buttons on frontend so that Customers can checkout menu items

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Make connection to database class	Raquel Oseguera	yes
Make query function for database	Pablo Pineda IV	yes
Show updated menu items	Raquel Oseguera	yes
Make checkout function and button	Justin Abraham	yes
Make front end for cart view	Justin Abraham	yes
Add order to order history when checkout is clicked.	Nhi Vu	yes
Go back to menu from cart	Justin Abraham	yes



Get cart total function	Pablo Pineda IV	yes
Display item on cart function	Nhi Vu	yes
Make checkout function and button	Nhi Vu	yes
Make function to pull menu items from database and view on manager view	Raquel Oseguera	yes

Before The Next Meeting

Plans:

- Pull ingredients from the database as the Customer checkouts the menu items
- Update the frontend menu items list whenever a new item is added from Manager's view

Task Assignments:

Task Description	Assigned to
Make function to pull inventory ingredients from database and viewable	Pablo Pineda IV
Make field to add items to menu	Justin Abraham
Update the database with new menu item	Raquel Oseguera
Make field to add new ingredient	Nhi Vu
Update the inventory database when prompted	Raquel Oseguera
Update the table when new items are added to the database	Justin Abraham
Add button to X Report	Nhi Vu
Add functionality to show X report	Pablo Pineda IV
Add button to Z Report	Raquel Oseguera
Add functionality to show Z report	Nhi Vu

Minutes from Previous Meeting

In the previous meeting we were talking about how everyone was feeling about the current assignment and any issues that were coming along in the process. In the previous meeting was



focusing on making sure everyone was on the same page regarding where they were on the project and making sure everyone was able to run the project locally so that testing would be made easier. Everyone had that done and had working things on their end. We were also talking about the things that we wanted to implement and the things we were currently working on. For the backend, they were working on getting queries to the database and making sure there was a basic connection there. The frontend was working on the frontend and making space for when the backend was linked with the frontend.

SCRUM Meeting 3 for Project 3

Prepared by: Justin Abraham

Meeting Date: 04-10-2023

Meeting Attendees

9. Justin Abraham
10. Pablo Pineda IV
11. Raquel Oseguera
12. Nhi Vu

Meeting Agenda Items

- Implement Manager's view frontend
- Add tables for inventory and reports

Status Update Since Last Meeting

Accomplishments:

- Pull ingredients from the database as the Customer checkouts the menu items
- Update the frontend menu items list whenever a new item is added from Manager's view

What's your favorite restaurant?

Justin

- I worked on making the cart system functional, and have been having trouble with getting the variables from the JS file carrying over and editing them on the ejs file.
- I'm going to continue doing this and have the backend implementation with it, since once I get this variable issue sorted then linking it with everything else would be easy.
- Just the learning curve like I said before, nothing crazy at the moment. And time.

Nhi

- Worked on making the API all fully working



- Is not working on making the increase font size functionality and the manager view
- Just the learning curve

Pablo

- Working on making the database.js have more functionality
- Translation the functions from the old java files over to javascript
- Just the learning curve and being able to test locally.

Maribel

- Working on also transcribing functions from project 2 into project 3, so java to js.
- Working on the reports
- Wants to implement the files into the database.js and then the connect it to the front end
- Learning curve and being able to test the javascript locally.

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Make function to pull inventory ingredients from database and viewable	Pablo Pineda IV	yes
Make field to add items to menu	Justin Abraham	yes
Update the database with new menu item	Raquel Oseguera	yes
Make field to add new ingredient	Nhi Vu	yes
Update the inventory database when prompted	Raquel Oseguera	yes
Update the table when new items are added to the database	Justin Abraham	yes
Add button to X Report	Nhi Vu	yes
Add functionality to show X report	Pablo Pineda IV	yes
Add button to Z Report	Raquel Oseguera	yes
Add functionality to show Z report	Nhi Vu	yes

Before The Next Meeting

Plans:

- Implement tables for the reports, ingredients and inventory for Manager's view
- Add buttons for Manager to delete and update ingredients, menu items and check reports

Task Assignments:



Task Description	Assigned to
Add button to Excess Report	Pablo Pineda IV
Add functionality to show Excess report	Justin Abraham
Add button to Order History	Raquel Oseguera
Add functionality to show order history	Nhi Vu
Add button to Restock Report	Justin Abraham
Add functionality to show restock report	Pablo Pineda IV
Make a field for changing threshold for restock report	Raquel Oseguera
Add field for weather button	Nhi Vu
Add functionality to pull data from weather api and view on customer dashboard	Pablo Pineda IV
Add google translate functionality	Raquel Oseguera
Add dropdown to select language for google translate	Nhi Vu
Change font size button	Justin Abraham
Add functionality to changing font size button	Pablo Pineda IV
Refactoring frontend of login	Justin Abraham
Refactoring frontend of customer view	Raquel Oseguera
Refactoring frontend of manager view	Pablo Pineda IV
Refactoring backend of login	Justin Abraham
Refactoring backend of customer view	Raquel Oseguera
Refactoring backend of manager view	Nhi Vu
Test functionalities	Pablo Pineda IV

Minutes from Previous Meeting

In the previous meeting we talked about the progress we had been making, what we were working on, and any issues that we were having. A common issue was the learning curve and making sure we



actually know what we are doing. Everytime we implement something, a better way to implement it keeps coming up. We talked about the items we completed, which was a lot of the API connection, the customer view, and what we wanted to work on next. A lot of the focus was on the customer view, but some new requirements we didn't really pay attention to need to be focused on now too.