



Sprint 3 Materials

Team Name

Charles Walker
Jessica Odutola
Rishabh Prasad
Arman Papar
Jc Liu

Retrospective Summary

Overall the goal of Sprint 3 was to finish up all the remaining requirements and to ensure that the project was able to be completed. The group also put some reach goals into this sprint such as designing a mobile friendly webpage and having better accessibility features such as bigger buttons when someone hovers over the text. Another important feature that was added was Google API functions. These items were added in code, but a little bit more work is needed to successfully connect all the different API's together. The last part that was completed was the deployment. Since the code was all combined during this aspect of the project the server and the client were able to be deployed on render. In conclusion, although this is the last sprint there are still some features that the team would like to add to this project to make it even better.

GitHub Release Link

<https://github.tamu.edu/rishuprasad/pom-honey-pos>



Product Backlog

	A	B	C	D	E	F	G	H
1	Summary	Issue key	Status	Custom fi	Status Category			
2	Create Google Maps API Implementation	T9-159	Blocked / Need Help	10	In Progress			
3	(Customer) If you click starter, make a popup with "Add to Cart" button, which	T9-155	Requested Ticket		To Do			
4	(Customer) If you click main, go to another page and show ingredients + make	T9-154	Requested Ticket		To Do			
5	(Customer) Show ONLY main and starter on customer page	T9-153	Requested Ticket		To Do			
6	(Customer) Remove Add Order from cart panel, make Cart a popup button at th	T9-152	Requested Ticket		To Do			
7	Remove panel for change password, add popup in the top right instead	T9-151	Requested Ticket		To Do			
8	Dynamically change image path for each dish based on dish name	T9-149	Requested Ticket		To Do			
9	Enable Confirm button on Server screen	T9-148	Requested Ticket		To Do			
10	Handle request/response for registering a new customer (from login)	T9-147	Requested Ticket		To Do			
11	Generate SQL/Route for registering a new customer (from login)	T9-146	Requested Ticket		To Do			
12	Have a place where the manager can restock items in the GUI	T9-35	Programmers Tasks	3	To Do			
13	Need to ensure Inventory database updates with the GUI	T9-49	Requested Ticket	3	To Do			
14	Ensure manager can restock items	T9-6	Requested Ticket	3	To Do			
15	A special seasonal Item should be able to be selected from the customer GUI.	T9-52	Requested Ticket	5	To Do			
16	Give delivery estimates based on Google Maps API	T9-59	Requested Ticket	8	To Do			
17	Transistions from different sections of the Manager GUI	T9-55	Requested Ticket	5	To Do			
18	Transitions from different ordering sections in the Customer GUI	T9-54	Requested Ticket	5	To Do			
19	Transistions from different ordering sections in the Server GUI	T9-53	Requested Ticket	5	To Do			
20	Order database should be able to be updated with the customer order	T9-50	Requested Ticket	2	To Do			
21	Add functionality for Google Translate on Customer GUI	T9-45	Requested Ticket	8	To Do			
22	Add functionality for Google Translate on Server GUI	T9-44	Requested Ticket	8	To Do			
23	Add functionality for Google Translate on Manager GUI	T9-43	Requested Ticket	8	To Do			
24	Add google maps functionality to the Customer GUI	T9-42	Requested Ticket	7	To Do			
25	Add functionality for login using the Google Authentication software	T9-41	Requested Ticket	7	To Do			
26	The buttons for the GUI should be big so people with motor issues have an eas	T9-40	Requested Ticket	4	To Do			
27	Ensure the Restock Report is displayed Properly	T9-13	Programmers Tasks	3	To Do			
28	Choosing a specifc Best combo catagory	T9-21	Programmers Tasks	5	To Do			
29	Demo database connection from client to server	T9-135	Requested Ticket	8	To Do			
30	Find images for each dish and ingredient	T9-150	Requested Ticket		To Do			
31	Handle Request/Response for adding a cart to orders (checkout)	T9-145	Requested Ticket	7	To Do			
32	Generate SQL/Route for adding a cart to orders (checkout)	T9-144	Requested Ticket	6	To Do			
33	Generate SQL/ Route statements for Manager Name	T9-95	Requested Ticket	5	To Do			
34	Handle Request/Response for registering a customer (from server)	T9-127	Testing and Verification	6	In Progress			
35	Handle Request/Response for changing password	T9-126	Blocked / Need Help	6	In Progress			
36	Handle Request/Response for Manager Name	T9-119	Requested Ticket	6	To Do			
37	Handle Request/Response for Canceling an Order	T9-124	Blocked / Need Help	6	In Progress			
38	Handle Request/Response for editing current Item to menu	T9-122	Blocked / Need Help	6	In Progress			
39	Handle Request/Response for Checking the Inventory	T9-120	In Progress	6	In Progress			
40	Handle Request/Response for Adding new Items to the menu (and inventory)	T9-121	Blocked / Need Help	6	In Progress			
41	Generate SQL/Route for cancelling an entire order	T9-105	Blocked / Need Help	5	In Progress			
42	Create a component for dish formatting in current cart	T9-110	In Progress	5	In Progress			
43	Generate SQL/Route for registering a new customer (from server)	T9-109	In Progress	5	In Progress			
44	Generate SQL/Route for changing password	T9-108	Blocked / Need Help	5	In Progress			
45	Generate SQL/Route for editing current Item to menu	T9-98	In Progress	5	In Progress			
46	Generate SQL/Route statements for the Best Selling Items	T9-94	In Progress	5	In Progress			
47	Create Spacing/Padding class	T9-156	Requested Ticket		To Do			
48	Project 2 Customer Functionality	T9-134	Requested Ticket		To Do			
49	Project 2 Manager Functionality	T9-133	Requested Ticket		To Do			
50	Project 2 Server Functionality	T9-132	Programmers Tasks		To Do			
51								
52								
53								
54								
55								



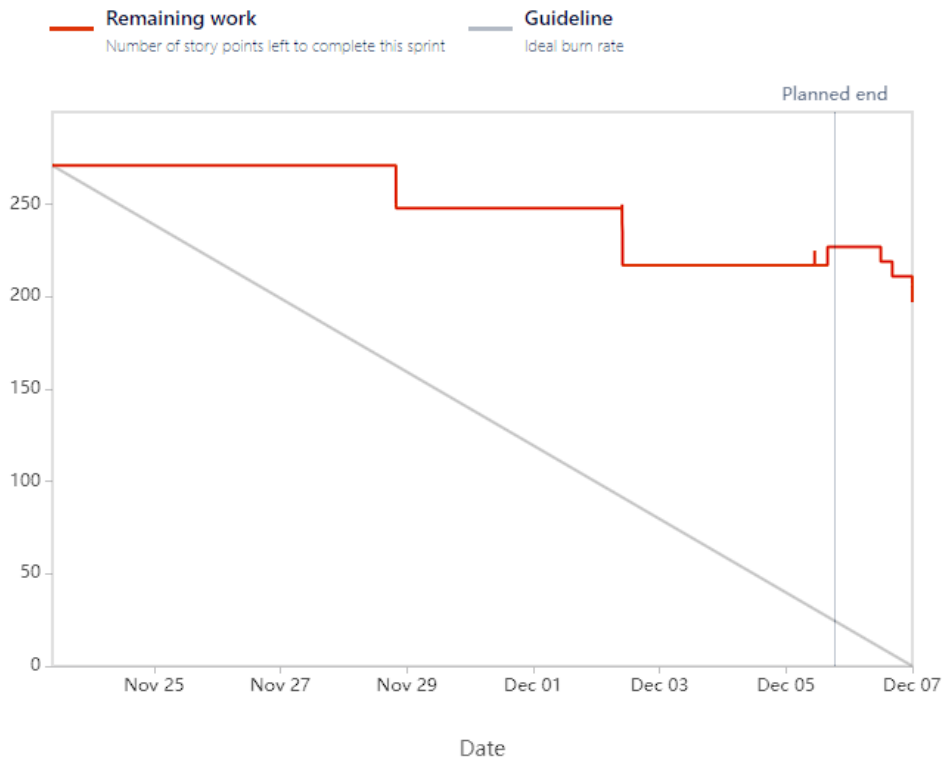
Sprint Backlog

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45	Generate SQL/Route for editing current item to menu	T9-98	In Progress	rishuprasad	5	In Progress
46	Generate SQL/Route statements for the Best Selling Items	T9-94	In Progress	rishuprasad	5	In Progress
47	Deployment of the Server	T9-142	Done	Charles Walker	10	Done
48	Ensure the Excess Report is displayed Correctly	T9-15	Done	ajodutola	3	Done
49	Ensure the Sales Report results are displayed properly	T9-14	Done	ajodutola	3	Done
50	Have a color blind mode, High contrast color scheme for all GUI aspects	T9-31	Done	Sijia Liu	4	Done
51	A special seasonal item should be able to be selected from the server GUI.	T9-51	Done	Sijia Liu	4	Done
52	The GUI text for the customer should be resizable	T9-39	Done	Sijia Liu	4	Done
53	The GUI text for the server should be resizable	T9-37	Done	Sijia Liu	4	Done
54	Merge Backend to Release Branch	T9-157	Done	armanpapar	4	Done
55	Merge Front End to Release Branch	T9-158	Done	armanpapar	4	Done

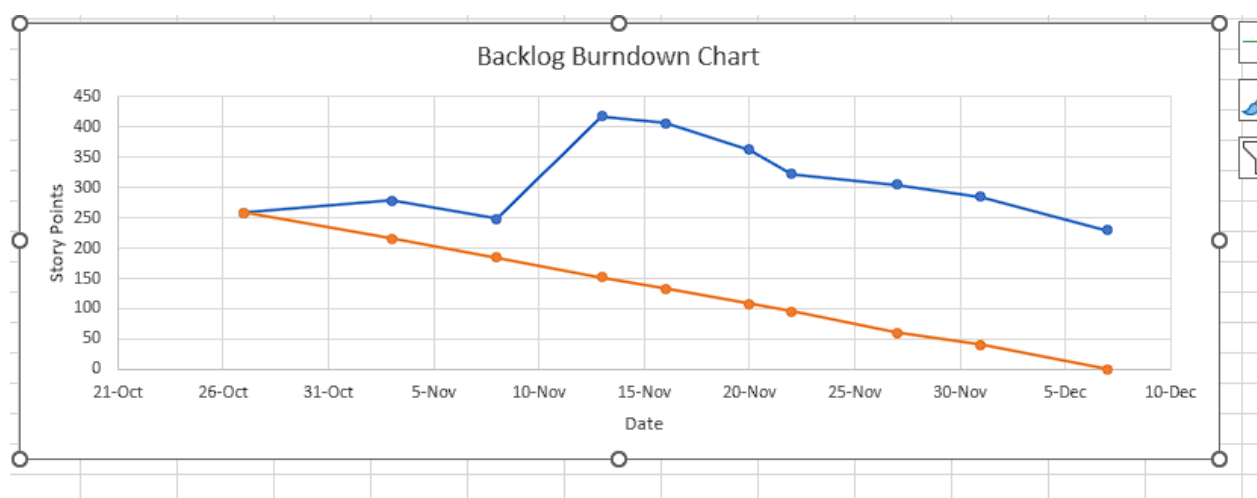
Jira (2)



Burn-down Charts



This is the Sprint 3 Burndown Chart for the Project.



This is the burndown chart for the overall project it is a little different because there were some tickets that were completed during the break and were not taken into account during sprint 3.



Team Member	Role	Story Points Completed
Jessica Odulta	Front End Developer	15
Rishabh Prasad	Backend Developer	33
Charles Walker	Backend Developer	16
JC Liu	Front End Developer	25
Arman Papar	Project Manager	9

Next Sprint's SCRUM Meeting Schedule

As this is the final sprint there are no more future SCRUM Meetings that are planned. There were some features that the team wanted to add before the presentation date so, the Team will meet before the presentation date, to confirm functionality, and accessibility of the website.



Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Pom and Honey POS

Prepared by: Arman Papar

Meeting Date: 11/12/2022

Meeting Attendees

1. Arman Papar
2. JC Liu
3. Rishu Prasad
4. Charles Walker
5. Jessica Odutola

Meeting Agenda Items

- Talk about the Deployment
- Talk about the status of the backend
- Talk about the status of the frontend

Status Update Since Last Meeting

Accomplishments:

- Charles found out the plan for deploying the Server and Client

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Deploying the Server	Charles	Yes
Backend Functions - Sales Report	Rishu	Yes
Front End Server/Customer View	JC	Yes
Front End Manager View	Jessica/JC	Yes

Before The Next Meeting

Plans:

- Have more work done on the deploying the front end of the project



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- Merge both the back end and the Front end of the project (Client)

Task Assignments:

Task Description	Assigned to
Implement Full functionality of the Server Backend	Rishu
Implement Full Functionality of the Manager Backend	Rishu
Work on the Deployment of the Front end	Charles
Work on the Linkage between pages/order of pages	JC
Work on formatting the output for the manager reports	Jessica

Minutes from Previous Meeting

The Previous meeting was held with the team to discuss plans for Sprint 3. This is our last sprint, so all the remaining tasks were put into the sprint backlog. There was some discussion and concern about the status of the backend, and having only the cart, and some of the other buttons functional. It was critical that the team ensured that the backend could do all the functionalities for the manager. Furthermore some of the reach goals such as developing resizable pages, and some of the accessibility features were also planned out during this sprint.



SCRUM Meeting 2 for Pom and Honey Point of Sales System

Prepared by: Arman Papar

Meeting Date: 11/22

Meeting Attendees

1. Arman Papar
2. JC Liu
3. Rishu Prasad
4. Charles Walker
5. Jessica Odutola

Meeting Agenda Items

- Discuss about the current status of the backend report functionality
- Discuss about minor formatting changes for both the Server and Manager
- Discuss about performing the Merge between the Front end and the Backend Branches before Sprint 3 is Completed

Status Update Since Last Meeting

Accomplishments:

- Rishu worked on developing more of the Manager Backend Functionality
- JC completed the Linking between the different pages, and changes to the Customer page

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Implement Full Functionality of the Manager	Rishu	Yes
Completion of the Linking of the Different Pages	JC	Yes

Before The Next Meeting

Plans:

- Arman should work on Merging the two working code branches, Front end and Backend together
- Charles can then work on deploying the merged code
- Image Population for the different toppings should also be completed



Task Assignments:

Task Description	Assigned to
Merge both the Backend and Front End branches	Arman
Work on the Deployment of the Merged Branches	Charles
Find images for the different menu items	Jessica
Work on the Google API for MAPS	Arman
Work on Google API for Translate	
Work on Google API for Login	
Edit the Customer Front end to make it look like Chipotle's	JC

Minutes from Previous Meeting

In the previous meeting the team discussed methods of deploying the client, and the need to perform a merge between the two working programs, the backend and the front end. Full functionality of the different views such as the manager, and the server still needs to be implemented, but according to Rishu the Manager reports should be able to be completed before the next scrum meeting. The other issue that was discussed was the implementation of API's. The Google API's that were chosen were Google Maps, Google Google Translate, and Google Authentication, and will be discussed further next meeting. More important tasks such as the linkage between the different pages (Manager, and Server), and the transition for a login page at the start. Another task such as the deployment of the front end on render would also be a top priority for the team.



SCRUM Meeting 3 for **ProjectName**

Prepared by: Arman Papar

Meeting Date: 12/4/2022

Meeting Attendees

1. Arman Papar
2. JC Liu
3. Rishu Prasad
4. Charles Walker
5. Jessica Odutola

Meeting Agenda Items

- Talk about the development of the Google API Calls
- Determine who is doing what API Calls
- Talk about the status of the deployment of the client side of the website
- Status of the Merge between the Front end and the Backend

Status Update Since Last Meeting

Accomplishments:

- Arman completed the Git Merge between the front end and Back end
- JC completed the update of the Customer Front end to make it look like what the team talked about.
- Rishu Completed the Functionality for the Customer and Server Page

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Perform the Merge between the front end and the back end	Arman	Yes
Update of Front end of the Customer View	JC	Yes
Finished Functionality for all backend parts of the website	Rishu	Yes



Before The Next Meeting

Plans:

- Work on the Development of API's
- Confirm that the items are merged correctly, and work together to implement the new front end with the backend.
 - This includes making sure that the new front end could be connected to the backend properly. Possible solution was to start with JC's code and then slowly merge rishu's code to the backend.

Task Assignments:

Task Description	Assigned to
API Google Maps	Arman
API Google Login	Charles
API Google Translate	JC
Confirm Backend Functions on New Front End	JC/Rishu
Deployment of the Front end, and Backend	Charles

Minutes from Previous Meeting

Much more progress was made on the backend functionality. The Manager reports have been successfully completed, and this brings a close to the development of the manager page. The next task is to work on developing the server front end, to ensure full functionality. The current status of the server and customer is that it is able to pull data from the database such as the current menu items. It is also able to push items to a cart, and then read this back to the website. The last item that needs to be completed is pushing the cart to the orders database. The Team also delegated the different team members for the development of the API. There were also some issues with the deployment of the website on render, and the code may have to be changed a little bit to accommodate for this difference.



Minutes from Sprint 3 Last Meeting

There was full functionality with the backend on the previous implementation of the GUI. The group ran into some issues with the connection of the new front end with the current backend after the merge. The team needed to work with reconnecting the new front end to the new backend. The team also delegated API development: Maps to Arman. Translate to Charles, and the team needed to determine who would be able to pick up the login.