



Sprint 3 Materials

Team Reveille

Alex Do

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Raphael Hanna

Easton Havemann

Retrospective Summary

Throughout Sprint Three, Team Reveille made great strides in improving the backend and frontend components of our web application. We were able to implement functions that were necessary for success such as a solid transaction handling system, the kitchen page backend, and various UI improvements which users responded well to according to their feedback. Our team did an excellent job working together and communicating effectively with one another; this helped us move through difficult technical challenges smoothly because we were not confused about what needed done or who should do it. Most goals were met on-time during this sprint including but not limited too date validation being added as a feature, categories changed into drop-down menus instead of hard-coding them into HTML files along side more robust input validation for manager reports. However there have been moments where things got tough: examples include when integrating OAuths took longer than expected due its complexity or dealing with database issues also proved time-consuming since they had many dependencies attached onto each other which required extra care while fixing. Also several tasks related to testing like creating tests for trending page or menu board remained uncompleted because their completion depended on other unfinished work being completed first; thus indicating that better management of task sequencing and dependency detection could have been improved especially when It comes down to tying the backend/frontend. Many insights were gained from our final sprint retrospective which pointed out what went well and what didn't go so well. We realized that our testing should be more comprehensive in covering new functionalities and automate it earlier in the development phase. Addressing technical debt and documentation were two critical areas we identified as having been overlooked due to the speed at which things moved during this last push. Overall, the delivered results show that there was a lot done by the team towards meeting beyond set milestones thereby making the outcome strong enough with positive feedbacks from users.



GitHub Release Link

<https://github.com/csce-315-331-2024a/project-3-full-stack-agile-web-project-3-900-01/releases/tag/v3.0.0>

Product Backlog

Summary	Issue key	Status	Dependency	Story Points	Priority
Delete vestibular menu app	SCRUM-124	Done	SCRUM-106	1	Medium
Backend for kitchen page	SCRUM-123	Done	SCRUM-106	3	Medium
Front end for kitchen page	SCRUM-122	Done	SCRUM-106	3	Medium
Code Documentation	SCRUM-121	Backlog		6	Medium
Add date validation when adding menu item	SCRUM-120	Done	SCRUM-62	3	Medium
change category to dropdown when adding menu item	SCRUM-119	Done	SCRUM-62	1	Medium
Validate price when adding menu item	SCRUM-118	Done	SCRUM-62	1	Medium
Add graph for trending page	SCRUM-117	Backlog	SCRUM-63	3	Medium
Add ability to sort tables in product usage report	SCRUM-116	Done	SCRUM-59	2	Medium
Return button on transaction page broke	SCRUM-115	Done		2	Medium
Order cancels on page refresh	SCRUM-114	Done		2	Medium



Remove temporary navigation from home page	SCRUM-112	Done		1	Medium
Input validation for manager reports	SCRUM-111	Done	SCRUM-62	3	Medium
Remove time from date type	SCRUM-110	Done	SCRUM-62	2	Medium
Transaction page	SCRUM-109	Done		2	Medium
cacheir order backend	SCRUM-108	Done	SCRUM-106	2	Medium
cashier order front end	SCRUM-107	Done	SCRUM-106	2	Medium
Create cashier order app	SCRUM-106	Done	SCRUM-21	1	Medium
pass accessibility checker website	SCRUM-105	Done		3	Medium
Heroku images not working	SCRUM-104	Done		1	Medium
Refactor Orders Page Backend	SCRUM-102	Done	SCRUM-38	2	Medium
Some items don't translate the price	SCRUM-101	Done		2	Medium
Order Page features based on user feedback	SCRUM-100	Done	SCRUM-38	2	Medium
Fix Readme	SCRUM-99	Done		1	Medium
Delete and clear button for the checkout cart	SCRUM-97	Done	SCRUM-109	2	Medium
Make the header static	SCRUM-96	Done		1	Medium



Cart checkout item count in the icon	SCRUM-95	Done		1	Medium
End date for menu items bug	SCRUM-94	Done		1	Medium
Items aren't tracked when using translator	SCRUM-92	Done		2	Medium
Transaction page backend	SCRUM-90	Done		2	Medium
Transaction page front end	SCRUM-89	Done		2	Medium
Ordered Items in cart don't appear when refreshing	SCRUM-88	Done		1	Medium
Category text cuts into button text	SCRUM-87	Done		1	Medium
Create tests for the product usage page	SCRUM-85	Done	SCRUM-59	2	Medium
Create tests for the restock page	SCRUM-84	Done	SCRUM-62	2	Medium
Create tests for the trending page	SCRUM-83	Done	SCRUM-63	2	Medium
Create tests for the menu board in the web application	SCRUM-82	Done	SCRUM-67	1	Medium
Create tests for the excess report in the web application	SCRUM-81	Done	SCRUM-61	2	Medium
Change database passwords to environment variables	SCRUM-80	Done		2	Medium
Route all manager pages	SCRUM-75	Done	SCRUM-48	1	Medium
Web hosting	SCRUM-74	Done		1	Medium



backend for login page	SCRUM-72	Done	SCRUM-70	4	Medium
Add oauth support	SCRUM-71	Done	SCRUM-70	4	Medium
Create login app	SCRUM-70	Done	SCRUM-21	1	Medium
create menu board template	SCRUM-68	Done	SCRUM-67	4	Medium
create menu board app	SCRUM-67	Done	SCRUM-21	2	Medium
add alt text to images	SCRUM-66	Done		1	Medium
add weather to manager header	SCRUM-65	Done		1	Medium
add translation to manager page	SCRUM-64	Done	SCRUM-48	3	Medium
backend for trending page	SCRUM-63	Done	SCRUM-48	2	Medium
backend for restock report page	SCRUM-62	Done	SCRUM-48	2	Medium
backend for excess page	SCRUM-61	Done	SCRUM-48	2	Medium
backend for sales report page	SCRUM-60	Done	SCRUM-48	2	Medium
backend for product usage page	SCRUM-59	Done	SCRUM-48	2	Medium
backend for manager footer page	SCRUM-58	Done	SCRUM-48	2	Medium
backend for manager home page	SCRUM-57	Done	SCRUM-48	2	Medium
create trends template	SCRUM-56	Done	SCRUM-48	2	Medium



create restock report template	SCRUM-55	Done	SCRUM-48	2	Medium
create excess template	SCRUM-54	Done	SCRUM-48	2	Medium
create sales report template	SCRUM-53	Done	SCRUM-48	2	Medium
create product usage template	SCRUM-52	Done	SCRUM-48	2	Medium
create manager header	SCRUM-50	Done	SCRUM-48	1	Medium
create manager homepage template	SCRUM-49	Done	SCRUM-48	2	Medium
create manager app	SCRUM-48	Done	SCRUM-21	1	Medium
add weather info to header	SCRUM-47	Done		2	Medium
add translation support	SCRUM-46	Done		2	Medium
backend for sides page	SCRUM-44	Done	SCRUM-23	2	Medium
backend for beverages page	SCRUM-43	Done	SCRUM-23	2	Medium
backend for baskets page	SCRUM-42	Done	SCRUM-23	2	Medium
backend for shakes page	SCRUM-41	Done	SCRUM-23	2	Medium
backend for sandwich page	SCRUM-40	Done	SCRUM-23	2	Medium
backend for burgers page	SCRUM-39	Done	SCRUM-23	2	Medium
backend for all items page	SCRUM-38	Done	SCRUM-23	2	Medium



backend for customer footer	SCRUM-37	Done	SCRUM-23	2	Medium
backend for customer header	SCRUM-36	Done	SCRUM-23	2	Medium
backend for customer sidebar	SCRUM-35	Done	SCRUM-23	2	Medium
Route all templates	SCRUM-34	Done		1	Medium
create beverages template	SCRUM-33	Done	SCRUM-23	2	Medium
create sides template	SCRUM-32	Done	SCRUM-23	2	Medium
create shakes template	SCRUM-31	Done	SCRUM-23	2	Medium
create sandwiches template	SCRUM-30	Done	SCRUM-23	2	Medium
create baskets template	SCRUM-29	Done	SCRUM-23	2	Medium
create burgers template	SCRUM-28	Done	SCRUM-23	2	Medium
Create all items template	SCRUM-27	Done	SCRUM-23	2	Medium
create customer footer template	SCRUM-26	Done	SCRUM-23	1	Medium
create customer sidebar template	SCRUM-25	Done	SCRUM-23	2	Medium
create customer header template	SCRUM-24	Done	SCRUM-23	1	Medium
Create customer app	SCRUM-23	Done	SCRUM-21	1	Medium
figure out SQL connection	SCRUM-22	Done		2	Medium



create basic project	SCRUM-21	Done		1	Medium
clean up repo	SCRUM-20	Done	CRUM-21	1	Medium

Sprint Backlog

Summary	Story Points Estimate	Assigned To	Actual Story Points	Status
Delete vestibular menu app	1	Matthew Livesay	2	Done
Backend for kitchen page	3	Easton Havemann	3	Done
Front end for kitchen page	3	Dhiraj Atmakuri	3	Done
Add date validation when adding menu item	2	Matthew Livesay	3	Done
change category to dropdown when adding menu item	2	Alex Do	1	Done
Validate price when adding menu item	1	Alex Do	1	Done
Add graph for trending page	3	Easton Havemann		Backlog
Add ability to sort tables in all manager pages	2	Nathanthe Truong	3	Done
Return button on transaction page broke	2	Uzma Hamid	2	Done
Remove temporary navigation from home page	1	Uzma Hamid	1	Done



Input validation for manager reports	3	Matthew Livesay	2	Done
Remove time from date type	2	Matthew Livesay	2	Done
Transaction page	6	Nathanthe Truong	4	Done
cashier order backend	2	Easton Havemann	2	Done
cashier order front end	2	Dhiraj Atmakuri	2	Done
Create cashier order app	1	Alex Do	1	Done
pass accessibility checker website	3	Nathanthe Truong	3	Done
Heroku images not working	1	Uzma Hamid	1	Done
Create tests for the product usage page	2	Raphael Hanna	2	Done
Create tests for the restock page	2	Raphael Hanna	2	Done
Create tests for the trending page	2	Raphael Hanna	2	Done
Create tests for the menu board in the web application	1			Backlog
Create tests for the excess report in the web application	2	Raphael Hanna	2	Done
Change database passwords to environment variables	2	Nathanthe Truong		Backlog
create menu board template	4	Uzma Hamid	4	Done
add alt text to images	1	Uzma Hamid	1	Done



add translation to manager page	3	Easton Havemann	3	Done
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Summary Table

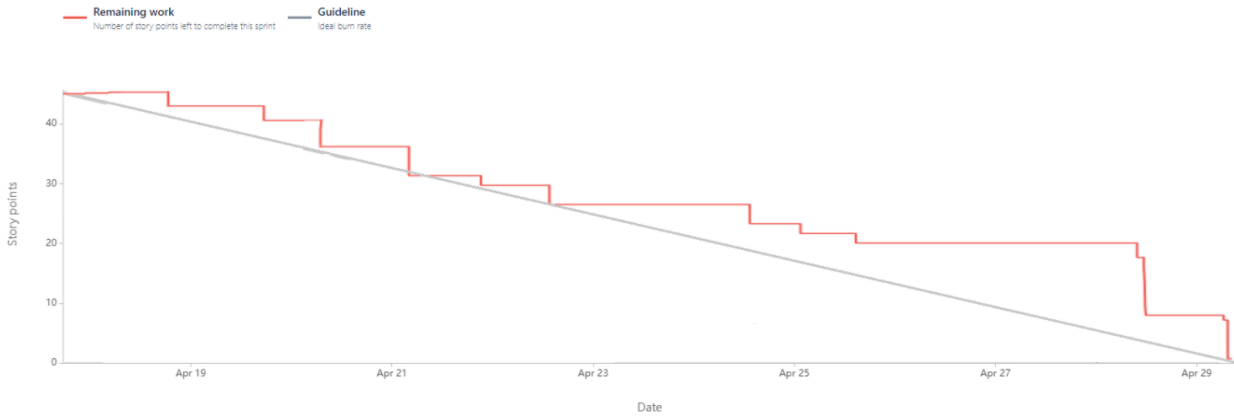
Developer	Completed points
Matthew	10
Easton	8
Dhiraj	5
Alex	3
Raphael	9
Uzma	9
Nathan	9



Burn-down Charts

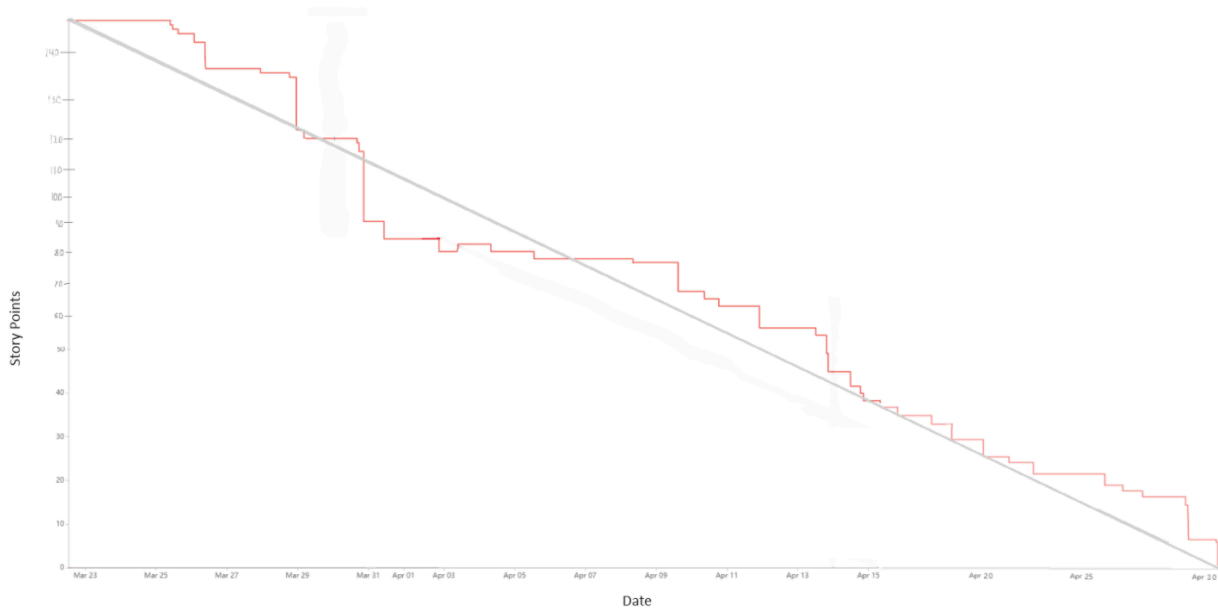
Sprint 3 Burndown

Date - April 17th, 2024 - April 26th, 2024



Project Burndown

Project Burn Down





Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Revs POS Revamp

Prepared by: Matthew Livesay

Meeting Date: 4/18/24

Meeting Attendees

1. Matthew
2. Dhiraj
3. Alex
4. Raphael
5. Nathan
6. Easton

Meeting Agenda Items

- What we did yesterday
- What we are planning on doing today
- Freeform discussion of issues and blockers

Status Update Since Last Meeting

Accomplishments:

- Sales report
- Product usage report
- Trending report
- Sprint 2 writing

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Sales report	Alex, Nathan	Yes
Product usage report	Nathan	Yes
Trending report	Raphael	Yes
Sprint 2 writing	Matthew, Alex	Yes



Before The Next Meeting

Plans:

- Fix SQL bugs
- Cashier page
- Transaction page
- Testing

Task Assignments:

Task Description	Assigned to
SQL bugs	Matthew
Cashier page	Dhiraj, easton
Transaction page	Nathan
Testing	Raphael
Search and translation features to the order page	Uzma

Minutes from Previous Meeting

Date: 4/11/24

Location: In class

After tidying up GitHub yesterday, Matthew is now concentrating on resolving a database bug. His inability to have a better understanding of Git is proving to be a barrier for him. While Uzma didn't get much done yesterday, she is working today to add search and translation features to the order page. She wants someone to test the transaction page's backend, which is a blocker. After spending his day on the restocking report yesterday, Easton has shifted his focus to the excess report. He reports no blockers. After working with Nathan to get OAuth working locally, Alex is currently working on the sales report. His blocker is getting OAuth implemented without messing up other system components. Although Dhiraj didn't make much progress yesterday, he wants to continue on with the front end of the manager's reports today. And there are no blockers for him. Nathan wants to finish the sales report and the product usage page today. Yesterday, he focused on the backend of the sales report. A glitch affecting the sales report date is his blocker. Raphael spent yesterday working primarily on the trends page's front end and will be making graphs for it today. There aren't blockers.



SCRUM Meeting 2 for Revs POS Revamp

Prepared by: Matthew Livesay

Meeting Date: 4/23/24

Meeting Attendees

1. Matthew
2. Dhiraj
3. Alex
4. Raphael
5. Nathan
6. Easton
7. Uzma

Meeting Agenda Items

- What we did yesterday
- What we are planning on doing today
- Freeform discussion of issues and blockers

Status Update Since Last Meeting

Accomplishments:

- Date validation for manager pages
- Added ability to edit menu items, add and delete
- Transaction page
- Cashier page backend
- testing

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Date validation for manager pages	Matthew	yes
Added ability to edit menu items, add and delete	Alex	yes
Transaction page	Nathan	yes
Cashier Page backend	Easton	no



Testing	Raphael	no
Search and translation features to the order page	Uzma	Yes

Before The Next Meeting

Plans:

- Refine oauth and user management
- Password migration to environment variable
- Frontend for cashier app
- Backend for cashier app
- Testing
- Menu board

Task Assignments:

Task Description	Assigned to
Refine oauth and user management	Alex
Password migration to environment variable	Nathan
Frontend for cashier app	Dhiraj
Backend for cashier app	Easton
Testing	Raphael
Menu board	Uzma



Minutes from Previous Meeting

Date: 4/18/24

Location: In class

Yesterday, Matthew was working with the written materials for Sprint 2. He's collecting requirements and working on SQL changes today, but he's finding it difficult because the requirements are constantly changing which is a blocker. Although Dhiraj didn't have anything to share from yesterday, he is currently working on the order status page's front end. There aren't any blockers. Uzma also didn't have anything to share from yesterday, she is currently working on adding features to the orders page based on user feedback. Yesterday, Alex's focus was on the written materials for Sprint 2. He is currently working without any challenges and is currently sketching out pages for additional requirements. And he has no blockers. Raphael is spending his day testing today after not working on anything yesterday. There are no blockers in his way. Nathan is working on correcting the transaction page today, although he didn't accomplish much yesterday either. There are no blockers. Despite not receiving any updates from yesterday, Easton is currently working unhindered on the cashier backend today. There are no blockers.



SCRUM Meeting 3 for Revs POS Revamp

Prepared by: Matthew Livesay

Meeting Date: 4/25/24

Meeting Attendees

1. Matthew
2. Dhiraj
3. Alex
4. Raphael
5. Nathan
6. Easton
7. Uzma

Meeting Agenda Items

- What we did yesterday
- What we are planning on doing today
- Freeform discussion of issues and blockers

Status Update Since Last Meeting

Accomplishments:

- Fixed database bugs
- Refined oath user management
- Added ability to sort tables in manager pages
- Cashier app
- Testing
- Menu board

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Fixed database bugs	Matthew	yes
Refined oath user management	Alex	yes
Added ability to sort tables in manager pages	Nathan	yes



Cashier app	Dhiraj	yes
Testing	raphael	no
Menu board	Uzma	No

Before The Next Meeting

Plans:

- New manager page
- Accessibility
- Cashier app
- Kitchen app
- Testing
- Menu board

Task Assignments:

Task Description	Assigned to
New manager report	alex
Accessibility	Nathan
Cashier app	Dhiraj
Kitchen page	Easton
Testing	Raphael
Menu board	Uzma



Minutes from Previous Meeting

Date: 4/23/2024

Location: Lecture

Yesterday, Matthew worked on the menu app deletion and date validation. He's still working to remove the menu app today, but he's having some difficulties because of unknown connections which is his blocker. Alex worked on user management on the admin page yesterday in addition to enabling the addition, deletion, and modification of menu items. He focuses on checking authorization today and he has no blockers. Yesterday Nathan completed the transaction page. He is currently working on the environment's password migration. He's having trouble managing the transaction page which is a blocker. Yesterday, Dhiraj did not have any updates. However, today, he is working on the cashier app's frontend and has no blockers. Easton intends to finish the cashier backend today after working on it yesterday, and he has no blockers. After spending a day testing yesterday, Raphael is currently working on growing the testing suite. The test suite is his biggest learning curve which is a blocker. Uzma is working on the menu board's front end today, but she didn't have any updates from yesterday. She is finding it difficult to manage her time which is a blocker.