Sprint 3 Materials

Team 41

Shantanu Thorat
Oliver Carver
Joshua Hillis
Anthony Mercado

Retrospective Summary

Our retrospective meeting went well overall. We talked about how the dark mode looks and judged overall accessibility, and how far we'd come from the original iteration of this project. We also talked about how we were able to implement almost every feature we really wanted to see in the product, and how we ended up with a fast, responsive, accessible product that we were proud to have worked on. Due to this being the last sprint for this project, we didn't settle on any changes to procedure, although we did discuss updating the main branch more often to reduce conflicts whenever integrating new features. This retrospective also doubled as a tutoring session for how the entire project works, so that all of the team members feel fit and ready to answer any questions that will pop up during the presentation for this project. The aim was to ensure that everybody could pass as an expert for every aspect of the project. We briefly lamented the font scaling not being integrated due to it breaking the layout, however in the testing that we did with people with poor vision, they didn't seem to have a hard time using our application. We also collectively went over the project with the accessibility guidelines in mind to point out potential issues or opportunities to tweak the project before the final release. Then, to end the meeting, we discussed how we plan to deliver the presentation, as well as talking points that we wanted to emphasize.

GitHub Release Link

Create a GitHub release of **a completely working version** of the software and include a link to your release here. Note that some features may not be included if they are scheduled for later sprints, but you must have a **minimum viable product (MVP)** that a user can give feedback on.

Remember to commit to your repository each time a new feature is added/modified. Items should not be marked as "complete" on your backlog until they have been pushed to your repository.

Product Backlog

Task Number	Task	Priority	Dependent Tasks	User Story Points	Status
1	Research React	High		3	Completed
2	Research Vue	High		3	Completed
3	Choose Front-End framework between React and Vue	High	1,2	5	Completed
4	Learn our front-end framework	High	3	3	Completed
5	Choose font	Low		1	Completed
6	Choose color scheme	Low		1	Completed
7	Decide on whether or not we're going to use a material design	Medium	4	1	Completed
8	Design the manger GUI layout	High		5	Completed
9	Design the server GUI layout	High		5	Completed
10	Design the customer GUI layout	High		5	Completed
11	Design home page layout	High		5	Completed

12	Determine GET Requests	High		1	Completed
13	Determine POST Requests	High		1	Completed
14	Determine PUT requests	High		1	Completed
15	Implement CRUD design for pizzas	High		3	Completed
16	Implement CRUD design for orders	High		3	Completed
17	Consolidate pizza and drinks tables	High		3	Completed
18	Consolidate orders and payments table	High		3	Completed
19	Generate Django starter code	Medium		1	Completed
20	Create repository for project	High		5	Completed
21	Determine how to document Django code	Low	19	3	Completed
22	Determine how to document React/Vue code	Low		3	Completed
23	Determine what user forms to add	Medium		3	Completed
24	Research web accessibility features	Medium		5	Completed
25	Determine testing framework	Medium		1	Completed
26	Create testing framework	Low		3	to do
27	Create server forms	High		8	Completed
28	Create customer forms	High		8	Completed

29	Create manager forms	High		8	Completed
30	Connect server, customer and manager UIs	High	3	8	Completed
31	Research deployment methods	Medium		1	Completed
32	Deploy app to cloud	Medium	3	8	Completed
33	Link repository to cloud to enable automatic deployments	Low	20	1	Completed
34	Deploy documentation	Low	20	1	Completed
35	Create HTML templates for forms	Medium	3	5	Completed
36	Connect Postgres functions to Django	High		5	Completed
37	Connect front-end framework to fetch postgres functions	High	3, 17, 18	8	Completed
38	Create HTML table templates	Medium	3	5	Completed
39	Research 3rd Party API 1	Low		1	Completed
40	Determine API 1 requests	Low	39	8	Completed
41	Connect 3rd Party API 1	Low	40	1	Completed
42	Research 3rd Party API 2	Low		8	Completed
43	Determine API 2 requests	Low	42	1	Completed
44	Connect 3rd Party API 2	Low	43	8	Completed
45	Research 3rd Party API 3	Low		1	Completed

46	Connect 3rd Party API 3	Low	45	8	Completed
47	Determine API 3 requests	Low	46	1	Completed
48	Automate testing framework with GitHub	Low		1	to do
49	Set up conda/virtualenv for Django environment	Medium		3	Completed
50	Set up node environment for front-end	Medium		3	Completed
51	Set up CORS policies between back-end/front-end	High		8	Completed
52	Create daily sales chart	Low		3	Completed
53	Create login page	High	42	5	Completed
54	Integrate OAuth 2.0	High	53	5	Completed
55	Select color blind palette	Low		1	Completed
56	Research dark mode	Low		1	Completed
57	Research font scaling	Low		1	Completed
58	Create sales dashboard	High		3	Completed
59	Integrate Google Translate	High	46,47	5	Completed
60	add logout functionality	Low		1	Completed
61	Add colorblind palettes to the interface	Medium		3	Completed
62	Begin work on dark mode	High		5	Completed
63	Add font scaling	High		8	to do
64	Add excess report	Low		1	Completed
65	Add tab for dashboards	High	64, 52, 58	8	Completed

66	Remove menu items	High	65	5	Completed
67	Tweak Customer layout	Low	29	3	Completed
68	Tweak Manager layout	Low		3	Completed
69	Optimize Code	Medium		5	Completed

Sprint Backlog

Task Number	Task	User Story Points	Time Spent (hours)	Status	Assigned To
52	Create daily sales chart	3	2	Completed	Shantanu
53	Create login page	5	3	Completed	Oliver
54	Integrate OAuth	5	3	Completed	Oliver
55	Select color blind palette	1	1	Completed	Anthony
56	Research dark mode	1	2	Completed	Anthony
57	Research font scaling	1	1	Completed	Joshua
58	Create sales dashboard	3	2	Completed	Shantanu
59	Integrate Google Translate	5	3	Completed	Oliver
60	add logout functionality	1	.5	Completed	Oliver
61	Add colorblind palettes	3	2	Completed	Anthony
62	Begin work on dark mode	5	4	Completed	Anthony
63	Add font scaling	8	4	To do	Joshua
64	Add excess report	1	1	Completed	Shantanu
65	Add tab for dashboards	8	3	Completed	Shantanu
66	Remove menu items	5	2	Completed	Joshua
67	Tweak customer layout	3	3	Completed	Anthony
68	Tweak Manager layout	3	2	Completed	Joshua
69	Optimize Code	5	1	Completed	Joshua

Shantanu	Oliver	Anthony	Joshua	Sprint
15	16	13	14	3

Burn-down Charts

Sprint 3 Burndown Chart
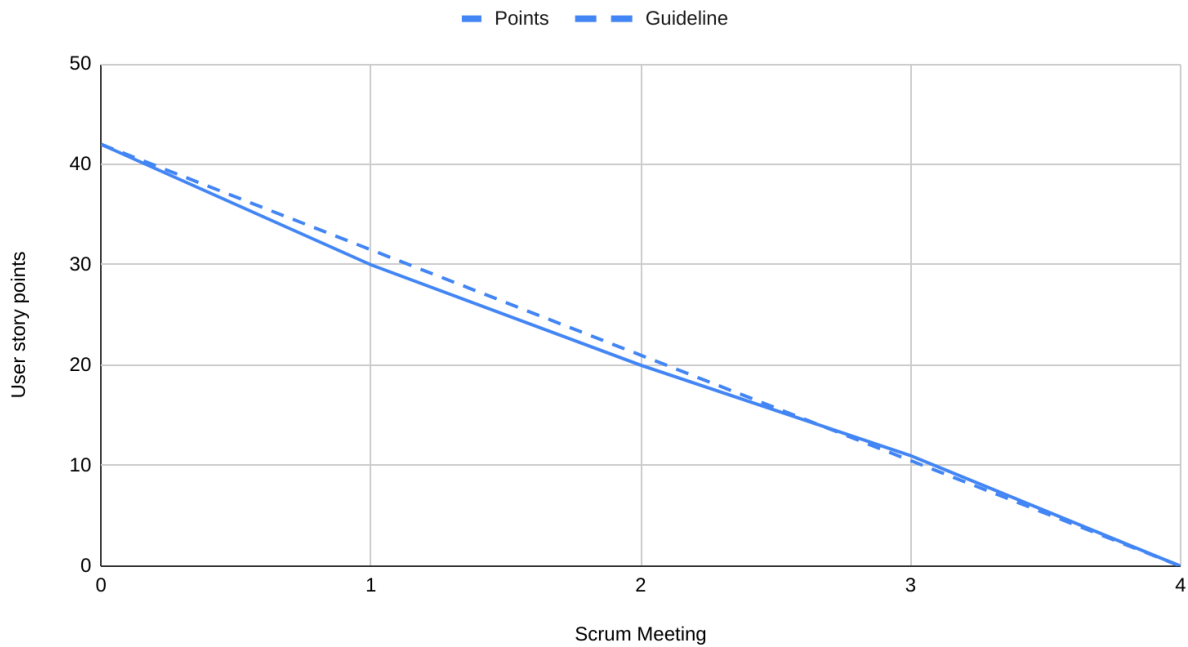
Next Sprint's SCRUM Meeting Schedule

N/A (Final sprint)

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Team 41
Prepared by: Oliver Carver
Meeting Date: 11/28/2022

Meeting Attendees

1. Shantanu Thorat
2. Oliver Carver
3. Anthony Mercado
4. Joshua Hillis

Meeting Agenda Items

- Login screen progress
- Sales Dashboard View

Status Update Since Last Meeting

Accomplishments:
- Completed Login Screen
- Integrated Google OAuth 2.0
- Began work on Google Translate API integration
- Began work on disability accommodations

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Complete Login Screen	Oliver Carver	yes
Integrate OAuth 2.0	Oliver Carver	yes
Selected color blind palette	Anthony Mercado	yes
Researched implementing a dark mode to the interface	Anthony Mercado	yes
Researched font scaling implementations	Joshua Hillis	yes

Before The Next Meeting

Plans:

- Integrate Google Translate API into website
- Complete some disability accommodations
- Add username/password login functionality
- Add logout functionality
- Begin adding font scaling for accessibility

Task Assignments:

Task Description	Assigned to
Create Sales Dashboard	Shantanu Thorat
Integrate Google Translate API	Oliver Carver
Add logout functionality	Oliver Carver
Add colorblind palette to the interface	Anthony Mercado
Begin work on a dark mode	Anthony Mercado
Add font scaling to manager view	Joshua Hillis

Minutes from Previous Meeting

N/A

SCRUM Meeting 2 for Team 41
Prepared by: Shantanu Thorat
Meeting Date: 12/1/2022

Meeting Attendees

5. Shantanu Thorat
6. Anthony Mercado
7. Joshua Hillis
8. Oliver Carver

Meeting Agenda Items

- Progress for this sprint
- Changes that need to be made

Status Update Since Last Meeting

Accomplishments:
- Added excess report view to sales view
- Integrated Google Translate API

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Added excess report view to sales view	Shantanu Thorat	yes
Add a tab for dashboards (sales, other data, etc.)	Shantanu Thorat	Yes
Begin work on a dark mode	Anthony Mercado	yes
Integrate Google Translate API	Oliver Carver	yes
Add font scaling to manager view	Joshua Hillis	no

Before The Next Meeting

Plans:
- Improve loading speed for manager inventory functions
- Finish implementing dark mode
- Implement layout changes and Server view

- Finish logout functionality

Task Assignments:

Task Description	Assigned to
Add a server view to the application	Anthony Mercado
Finish implementing dark mode	Anthony Mercado
Add a logout functionality	Oliver Carver
Integrate data dashboard into main branch	Shantanu Thorat
Optimize code in manager view to be faster	Joshua Hillis
Add functionality to remove menu items	Joshua Hillis

Minutes from Previous Meeting

We discussed our current research plans for the project in terms of accessibility and integrating the Google Translation API. We also discussed what each of the team members would be responsible for in the short term, and communicated our implementation plans to the other team members.

SCRUM Meeting 3 for Team 41
Prepared by: Oliver Carver
Meeting Date: 12/5/2022

Meeting Attendees

9. Oliver Carver
10. Joshua Hillis
11. Shantanu Thorat
12. Anthony Mercado

Meeting Agenda Items

- Putting website on Heroku
- Finishing dark mode
- Speed changes in manager view
- Remove menu items
- Server view

Status Update Since Last Meeting

Accomplishments:
- Faster manager view
- Server view added
- Data dashboard integrated fully into application
- Menu items can be removed
- Logout functionality implemented

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Create a server view	Anthony Mercado	yes
Implement a dark mode	Anthony Mercado	yes
Add logout functionality	Oliver Carver	yes
Integrate data dashboard into main branch	Shantanu Thorat	yes
Optimize code in manager view to be faster	Joshua Hillis	yes
Add functionality to remove menu items	Joshua Hillis	yes

Before Submission

Plans:

- Test the product as a group
- Implement any layout tweaks we want to make

Task Assignments:

Task Description	Assigned to
Tweak layout it necessary	group
Test product	group

Minutes from Previous Meeting

Last meeting, we discussed why the font scaling was not implemented, and how it either broke or altered the layout of our application or made half of the text unreadable. Then, we discussed what other changes could be made to make the product easier to use, and settled on code optimization to make the application more responsive. Then, we discussed the progress for other features, like the dashboards tab and Google Translate API integration. We identified functionalities that were missing from the product and delegated the tasks after this, and ended the meeting.