Daily Scrum Log – v.03

Team: Brave Alligator

Sprint 0

The goal of this Sprint is to start setting up the project and get a better understanding of the product we, the team, will need to deliver. This includes creating a Team Plan, Daily Scrum and Client Communication Log, scrum board, Time registration sheet, Functional and Technical design, and Individual learning plan. These documents will be edited and worked on throughout the whole project. In the team plan, the team will decide under which principles/rules it will operate. In this Sprint, the first Client facing is planned. With this facing, the team will meet the client face-to-face and have the opportunity to ask questions about the product. This helps clarify what the client will want and expect the product to have and be able to do.

Meeting 1 (Wednesday 23-11):

In the first meeting of the team, it was decided that the extra meetings outside of scheduled class hours would be held online on discord. Together we created the scrum boards for each Sprint and added a doing and testing list to each of them. After that, we created tasks that each one of the members could work on. Hai Ha was assigned to work on documenting the team plan. George on the Functional design, starting off with an introduction and problem description. Klaus on the start of setting up the work environment for the project. Tiffany on logging all the daily scrum meetings, so far. Adrien and Darius will be responsible for creating user stories on GitLab.

Meeting 2 (Saturday 27-11):

This meeting was fast and simple. Each of the team members would update the others about the work they had done so far, how they planned to proceed and if they encountered any problems. Every team member was able to start working on their assigned tasks, but some encountered problems. These problems were communicated to the team.

Hai Ha had some unclarities on what the 'quality' part of the team plan needed to contain. He suggested asking the teacher for more clarity on this topic so he can proceed to finalize the team plan.

George wrote the introduction of the Functional Design, consisting of an introduction and problem description. A problem he encountered was that he was not sure what the difference is between the Context Analysis and the problem description. Georgs plans to start setting up the Product Backlog and provide help if other members need it.

Klaus was able to create a start on setting up the work environment. He planned to work further on finishing the setup and wanted to create a start on any wireframe/mockup designs, but to start working on this he would need to know how the application needs to look like and what its functions would be.

Tiffany finished summarizing all the scrum meetings that were held till now documented them in the Daily Scrum Log. She plans to update the document after this meeting and work on expanding the scrum boards with more labels to create a clearer overview.

Adrien worked on creating user stories in Git Lab and read through all the created documents thus far to make changes if necessary. He plans to start working on creating the Product Backlog together with other team members.

Darius also worked on creating user stories together with Adrien. He did some more research on the project and then planned to help with the creation of the Product Backlog.

Meeting 3 (Monday 28-11):
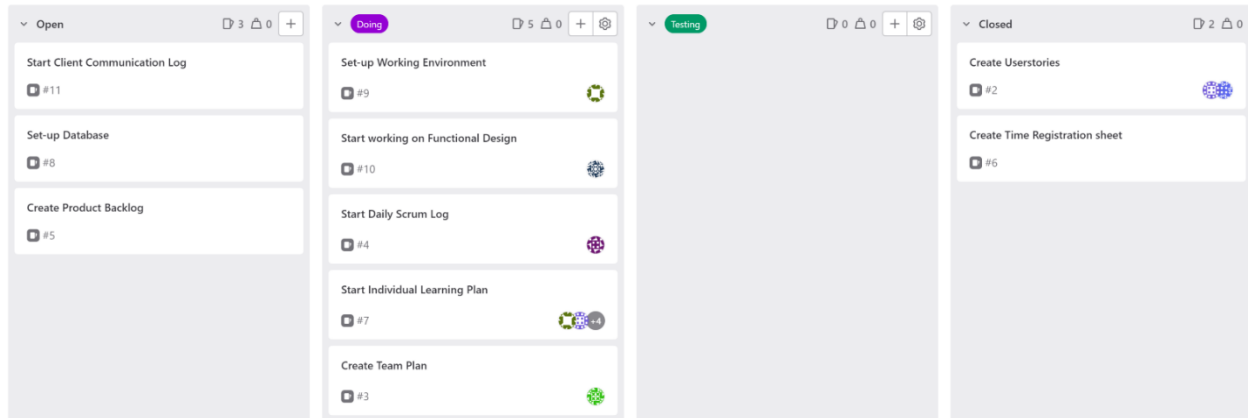
In the image above, the current process on Sprint 0 can be seen. In this meeting, the team focused on helping each other with their tasks that they previously mentioned they had problems with. To get a better understanding of what to do next, we researched to find more information on the project. After having completed creating the user stories, the next step was to start working on the product backlog. The ones that were assigned to work on the backlog were Adrien, Darius and George. In this meeting, we also discussed how we wanted to set up the database. We decided to focus on getting Microsoft Azure to work, but this was not set in stone. Most of the team members also started working on their individual learning plan.

Meeting 4 (Wednesday 30-11):

For this meeting, not all of the team members were present, as there were some who were sick and stayed in contact from home. Hai Ha was able to finalize the Team Plan. George worked on improving the functional design and started on the technical design. Adrien started to look at how to get Microsoft Azure to work and he would look to check if the functional and technical design were progressing as planned. Tiffany started to work on the client communication log and updated the scrum log. Klaus

worked on his individual learning plan and Darius started looking to see if he could start creating wireframe designs for the application with Klaus's help.

Meeting 5 (Sunday 04-12):

The team got together, online, to see what had to be handed in by the end of this Sprint. We looked at what we still needed and divided the tasks to start completing the required documents/designs.
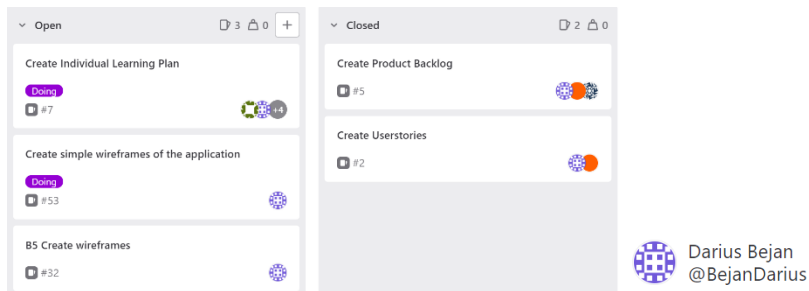
Sprint Sum:
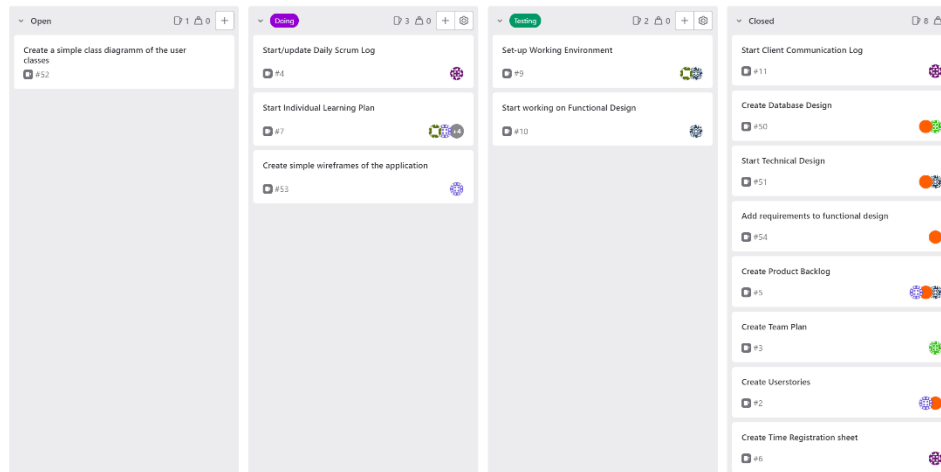
In the image above it, the scrum board of Sprint 0 is present. The goal of this Sprint was to create a start on the project and set up all the necessary needs to start working on the product as a team. We also wanted to get a better understanding of what the client expects as the final product/proof of concept. In this Sprint we were able to set up the team plan, scrum board, time registration, and work environment. We created the functional-, technical design, daily scrum-, and client communication log. As for the process on the product, we first worked on creating user stories, and from those, we created the product backlog and wrote down the basic requirements of the product. The first meeting with the client also toke place in this Sprint. In this meeting, we learned more about what functionality the product will need to be focused on. While we were not able to finish all the tasks planned for this sprint. We will carry the tasks over to the next sprint and keep working and improving upon the design we created.

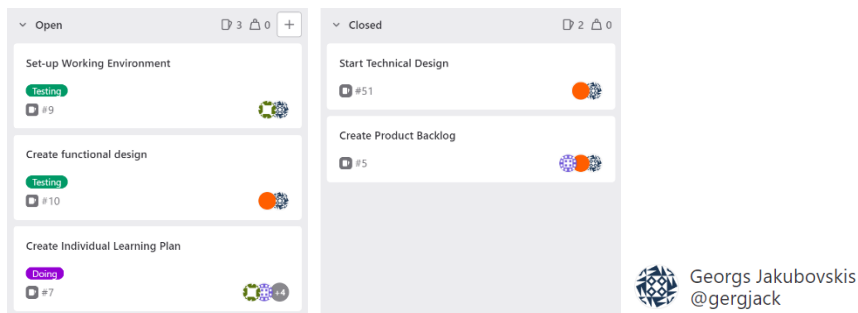As for who worked/was responsible for what. Everyone has started working on their own individual learning plan.
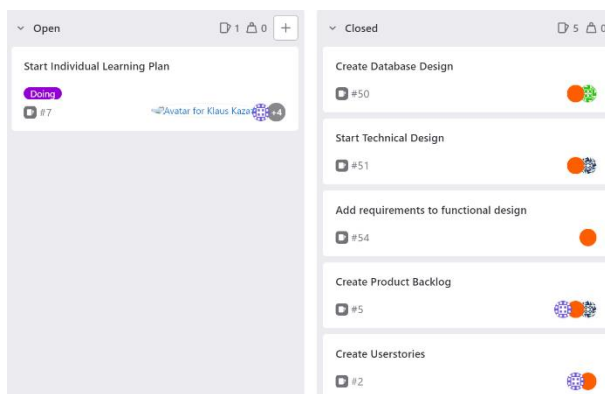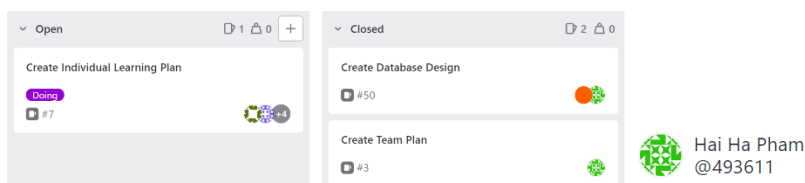
Adrien worked mostly on creating user stories, product backlog, and requirements. He also helped work on the technical design as well as the database design. He helped by giving feedback and improvement points on the designs.

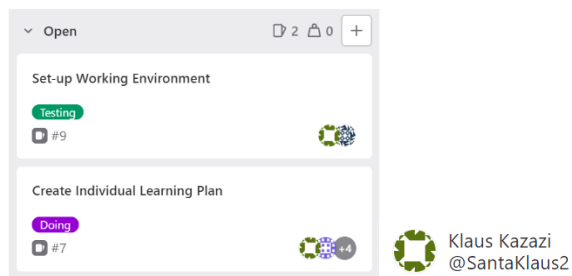| Open	3 0 +	Closed	2 0
Create Individual Learning Plan		Create Product Backlog	
Doing		#5	
#7			
Create simple wireframes of the application		Create Userstories	
Doing		#2	
#53			
B5 Create wireframes			
#32			

Darius Bejan
@BejanDarius

Darius was assigned to work on the user stories and backlog together with Adrien and Georgs but also worked on creating wireframes for the application.

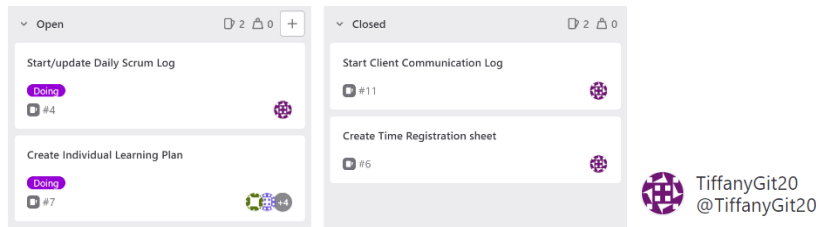| Open	3 0 +	Closed	2 0
Set-up Working Environment		Start Technical Design	
Testing		#51	
#9			
Create functional design		Create Product Backlog	
Testing		#5	
#10			
Create Individual Learning Plan			
Doing			
#7			

Georgs Jakubovskis
@gergjack

George worked on the creation of the product backlog together with Adrien and Darius. He also was responsible for starting up the technical design and functional design, while also helping Klaus with the set-up of the working environment.

Open	1 0 +	Closed	2 0
Create Individual Learning Plan		Create Database Design	
Doing		#50	
#7			
		Create Team Plan	
		#3	

Hai Ha Pham
@493611

Hai Ha was mainly responsible for creating the team plan. He also worked on creating the database design with the help of Arien providing him with points for improvement.

Open	2 0 +
Set-up Working Environment	
Testing	
#9	
Create Individual Learning Plan	
Doing	
#7	

Klaus Kazazi
@SantaKlaus2

Klaus was responsible for setting up the working environment for the application. He did this with the help of Georgs.

⌄ Open	🗋 2 🔒 0 ➕		⌄ Closed	🗋 2 🔒 0
Start/update Daily Scrum Log			**Start Client Communication Log**	
`Doing`			🗋 #11	⚙
🗋 #4	⚙			
Create Individual Learning Plan			**Create Time Registration sheet**	
`Doing`			🗋 #6	⚙
🗋 #7	⚙ +4			

TiffanyGit20
@TiffanyGit20

Tiffany worked on the creation of the Time registration sheet and was responsible for the client communication log. She also worked on creating the daily scrum log and updated the log after each daily scrum meeting.

Sprint 1

In this Sprint, we will start working on the actual product/application. One of the priorities is to create the CRUD for the customers, companies, tickets, and global admin. We'll also create a database where we will be able to store all the data on the users and their converter states as well as the created tickets. These are the plans for the back end, as for the front end, we want to start creating different pages to display the data of the converter state, customers, companies, and tickets. We will also work on the navigation bar and login page. The goal is to have a working product version at the end of the Sprint that we could demonstrate to our client.

Meeting 1 (Monday 05-12):

In the first meeting of this sprint, not all team members were present at the meeting as some were either sick or out of the country, but this was communicated to the other members. In this meeting, we discussed how the team would want to proceed in this sprint. We went by all the tasks that were planned for this Sprint and assigned each a weight after debating about it. After that, the team went to a discussion about which tasks would have priority over the others to complete. Each of us then picked a task they would start working on. The team concluded that the database would take priority. The plan was to use Microsoft Azure, but we were not able to go through with that plan because we would have to wait till January to be able to start a database. We had to start looking for alternatives. One option was to start using Docker, but that was not the preferred choice as one of the team members cannot run Docker.

## Meeting 2 (Wednesday 07-12):

For this meeting, not all the team members were present, as some were still unwell or out of the country. In this meeting, the team discussed together to see if we could start setting up a database on Docker. The team gave up on using Azure, as that would delay the project's progress a lot.

Meeting 3 (Sunday 11-12):

This meeting took place online. Each team member quickly gave an update on the process they had made on their assigned tasks. We also went into a discussion about what we plan to do with the database. After some of the team members tried to work with Docker the past few days, it did not work

out. We had to give up on using Docker. Because of the delay on the database, most of the backend tasks could not be completed/worked on as they were dependent on the database.

Meeting 4 (Monday 12-12):
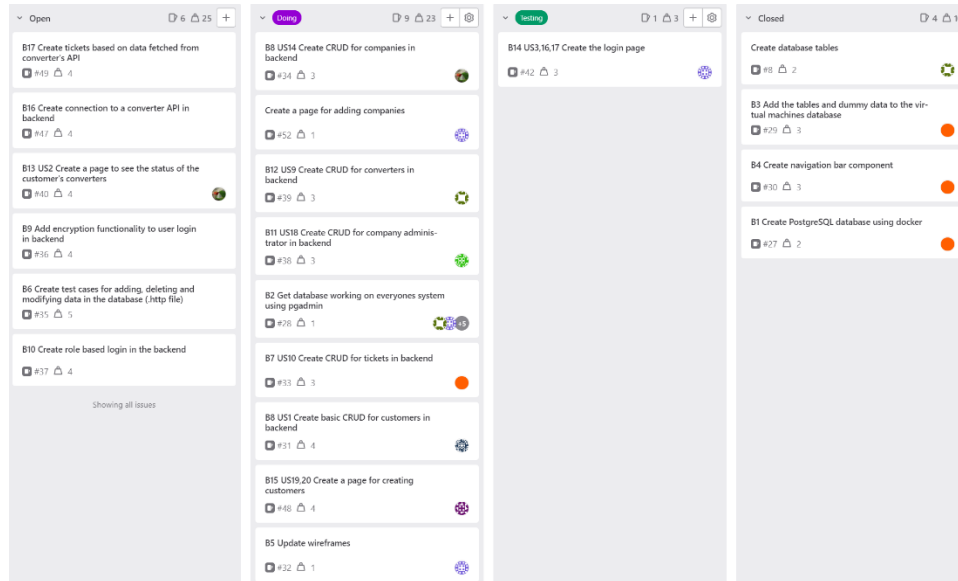
This marks the halfway point of Sprint 1. In the image, you can see the progress that has been made on the tasks/issues planned for this Sprint. We have a lot of tasks that team members are currently still working on. We had a lot of delay in the creation of the database that serves as the base we want to start working around. Because of this, we had to also hold the progress on the CRUD creation of the product as these tasks were heavily involved with the database. The team did make some good progress on the front end of the product and documentation. The base layout of the login page was finished and could be tested by the other members.

Meeting 5 (Wednesday 14-12):

In this meeting, the team members that were working on the database tried to establish a connection between the database that was hosted on a virtual machine. This needed some research to establish. The goal was to have a database running as fast as possible, so this was a priority before the creation of the CRUD. The ones that worked on the database were Adrien and George. On the front end, the login, company, and customer page's basic layout were created by Darius and Tiffany. Hai Ha, Sadra, and Klaus worked on the backend but couldn't finish their tasks due to the delay on the database. Unfortunately, not all the members of the team showed up for the meeting.

Meeting 6 (Saturday 17-12):

During this meeting, the team got together online to see if they could merge all the CRUDs together. The ones working on the CRUD were Adrien, George, Hai Ha, and Sadra. For the members who had finished their CRUD took the time to merge the different CRUDs to the main branch, the Develop branch. While merging, some errors came up but were later resolved with the guidance of the scrum master George. We also had some of the front end merged, such as the login page and the company page. This way we

merged most of the working code with the main branch, getting us closer to a working product version that we could demonstrate to the client.

Sprint Sum:

∨ Open 🗋 3 🛆 13 +	∨ Doing 🗋 5 🛆 13 + ⚙	∨ Testing 🗋 4 🛆 12 + ⚙	∨ Closed 🗋 8 🛆 23
B16 Create connection to a converter API in backend 🗋 #47 🛆 4	B17 Create the ticked page, popup 🗋 #49 🛆 4	B14 US3,16,17 Create the login page 🗋 #42 🛆 3	B8 US1 Create basic CRUD for customers in backend 🗋 #31 🛆 4
B6 Create test cases for adding, deleting and modifying data in the database (.http file) 🗋 #35 🛆 5	B8 US14 Create CRUD for companies in backend 🗋 #34 🛆 3	Create a page for adding companies 🗋 #52 🛆 1	B11 US18 Create CRUD for company administrator in backend 🗋 #38 🛆 3
B10 Create role based login in the backend 🗋 #37 🛆 4	B2 Get database working on everyones system using pgadmin 🗋 #28 🛆 1	B15 US19,20 Create a page for creating customers 🗋 #48 🛆 4	B12 US9 Create CRUD for converters in backend 🗋 #39 🛆 3
	B9 Add encryption functionality to user login in backend 🗋 #36 🛆 4	B13 US2 Create a page to see the status of the customer's converters 🗋 #40 🛆 4	B7 US10 Create CRUD for tickets in backend 🗋 #33 🛆 3
	B5 Update wireframes 🗋 #32 🛆 1		Create database tables 🗋 #8 🛆 2
			B3 Add the tables and dummy data to the virtual machines database 🗋 #29 🛆 3
			B4 Create navigation bar component 🗋 #30 🛆 3
			B1 Create PostgreSQL database using docker 🗋 #27 🛆 2

In the image above, the scrum board of Sprint 1 is presented. The goal of Sprint 1 was to create a working demonstratable product version that could be shown to the client. We planned to create the database, CRUDs, and front-end pages for the product. The priority lay in the creation of the database that would help with the creation of the CRUDs, but the team had a hard time with this task. This resulted in a delay in the progress we wanted to make in this Sprint. A lot of time when in the research,

trial, and error of the database creation. We did manage to finish/work on a lot of the planned tasks for this Sprint and plan to catch up in the next sprint.

The responsibilities of each team member.

Adrien had a big role in the research on database hosts and in trying to get the database running. He also was tasked with the CRUD creation of the tickets and the navigation bar component.

Darius had worked mainly on the front end of things. He was responsible for updating the wireframes from the last Sprint and worked on creating the login page as well as the company adding page.

George was responsible for creating the CRUD of both the customers and the converters. He also helped Adrien a lot with the database as well as fulfilling his role as the scrum master by leading the scrum meetings. He also was the main contact point for the client this time.
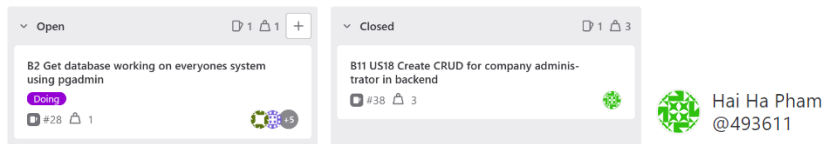
Hai Ha worked on creating the CRUD for the company administrator and started on some test creation on the CRUD functionality.
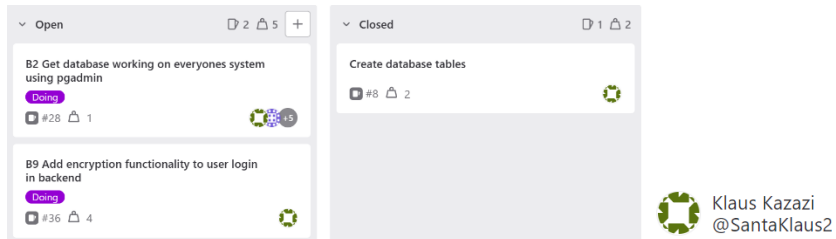
Klaus was mainly responsible for the database. He created the database tables and populated them with data. He also worked on the encryption functionality for logging in a user.
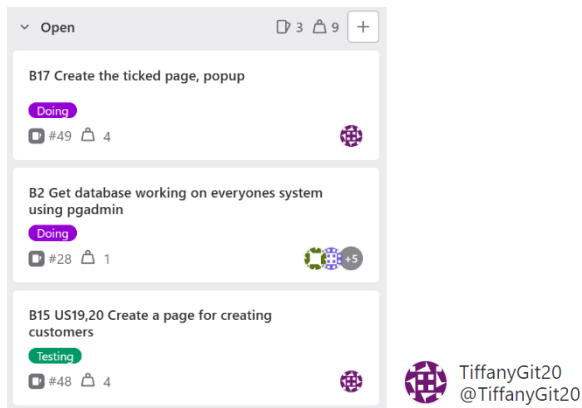
Tiffany worked on the front end and created the customer (registration) page. She also worked on the creation of the ticket page/popup as well as keeping the logs up to date.
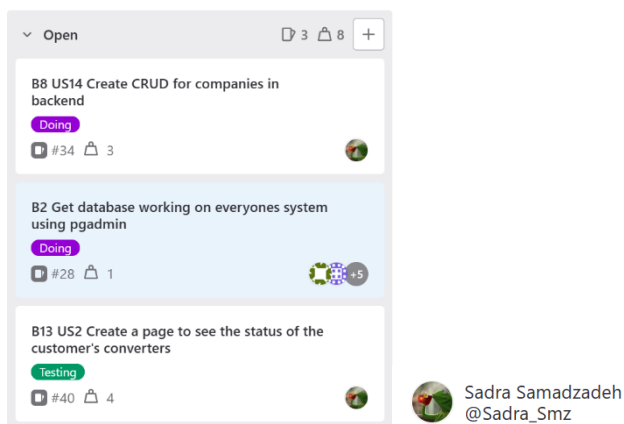
Sadra, our newest member, took on the responsibility to create the CRUD for the companies and create the converter status page.

Sprint 2

In this sprint, we will continue working on the product and demonstrate our progress to the client. In the previous Sprint, we made a start on the pages that would display the data on users, tickets, and converters for the different users. In Sprint 2, we want to continue adding to the pages. We will add and fix the functionality of the pages such as logging in (authorization), displaying data pulled from the database, routing the page navigation, etc. We also will incorporate the feedback we received from the meeting with the client. The goal is to add all the basic functionalities to all the pages, both front, and back-end.

Meeting 1 (Monday 19-12):

In this meeting, the team got together to prepare for the meeting we had planned at 3:00 pm right after the class. We all merged our code together and looked through the code to see what we would need to still fix to have a presentable demo version to showcase to the client. Each member was then assigned to try and fix/work on part of the code that needed to be changed. We then, once again, merged all our changes together and were able to have a demo version of the current progress point of the product, thus far.

Meeting 2 (Wednesday 21-12):

For the upcoming meetings, we had a lot of the members not being able to attend the meeting because a lot of the members were back in their home countries to celebrate the holidays. But regardless of that, we each took on a new task to start working on in this Sprint. Currently, the team mostly started working on adding functionality to the different pages, like registration, deleting, navigation, etc. There also were some changes we made to the database after having received feedback from the client.

Meeting 3 (Saturday 24-12):

The team met up in discord for a quick meeting where each member would update the others on the progress they had made. Also, to inform what they had struggled with and plan on doing in the upcoming days. There were some minor issues some members had, but with the help of the other members, we were able to help fix the issue. A bigger issue was that the virtual machine was the database was hosted was turned off. This made it more difficult to work on database-related tasks. The team also tried to contact the client to get any updates on the converters' APIs as the team wanted to start working as soon as possible on tasks related to the APIs as this had been delayed by a lot.

Meeting 4 (Monday 09-01):

This meeting was the first meeting after the holidays. With every team member back from their trip back home, we had a meeting to see how far everyone got. The team made progress on setting up a new VM for the database and adding most of the functionality to the pages. The team made progress on adding the basic functionality to the pages such as adding, editing, deleting, and showing data of the customers and companies. The next step was to add access/fetch calls according to the authority the logged-in user has. An inconvenience the team experienced was that the team was still waiting to have any information on the APIs for the converters after having waited quite a while for any updates on

them. The team had to leave some tasks incomplete as we needed the APIs of the converters to complete them.

Meeting 5 (Wednesday 11-01):

The end of this Sprint is almost reached and there were not a lot of tasks to work on. The number of tasks that were created for this Sprint was not a lot in comparison to the number of team members in the team. So, because of this, some members did not have a new task to work on and tried to help other members out that had not finished with their task(s) yet. A problem we had was that the login process did not work. The problem lay in the middleware that was created, so some members took a look at that problem together.

Meeting 6 (Saturday 14-01):

In this meeting, the team quickly got together online to discuss what had to be done before the hand-in point for this Sprint. All documents had to be updated and a retrospective of the sprint had to be done both as a team and individually. New tasks were added to the scrum board for this. Because not all the team members were able to attend this meeting, the team planned another quick meeting tomorrow to see if everything was hand-in ready to finish this Sprint.

Meeting 7 (Sunday 15-01):

In this meeting, we quickly looked over if the team had missed anything that had to still be done in this Sprint. Some members also demonstrated some of their code to showcase what they had done and potentially receive feedback on their work. After that, we did a final check on all the documentation and code to confirm that we could conclude that Sprint 2 was finished.
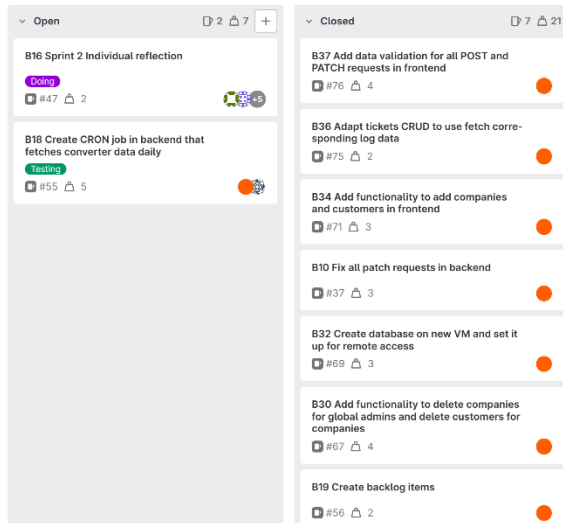
Sprint Sum:
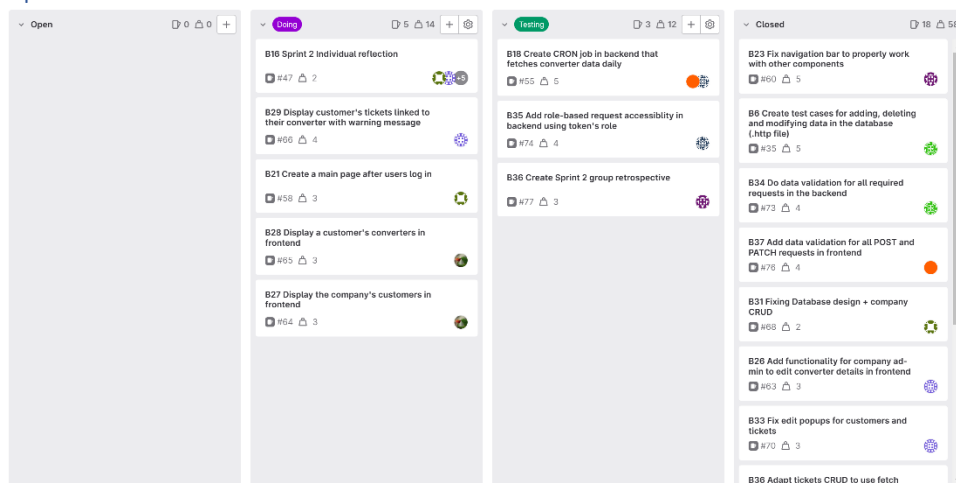
In the image above, the scrum board of Sprint 2 is presented. The goal of Sprint 1 was to add functionality to the created pages. Functionality such as logging in, adding/editing/deleting customers and companies, etc. The team also wanted to fix some code issues from the previous Sprint in this Sprint. We also had our first client meeting to demonstrate the progress made on the product. For this

Sprint, the team was able to finish/work on most of the planned tasks for this Sprint and plan to continue working the tasks that were not finished this Sprint in the next Sprint.
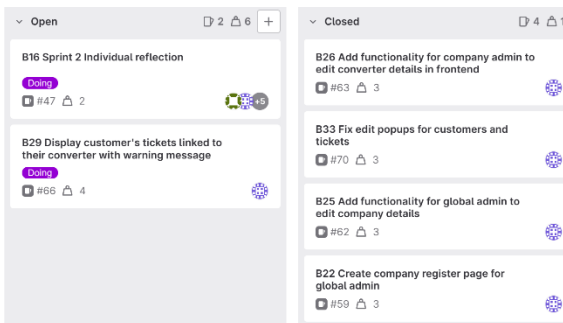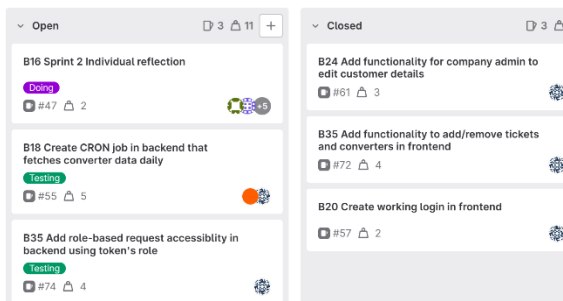
The responsibilities of each team member:

Adrian worked on creating the new database on a new VM. He also worked on fixing/adding requests on the backend. As well as adding the add and delete functions for the customers and companies.
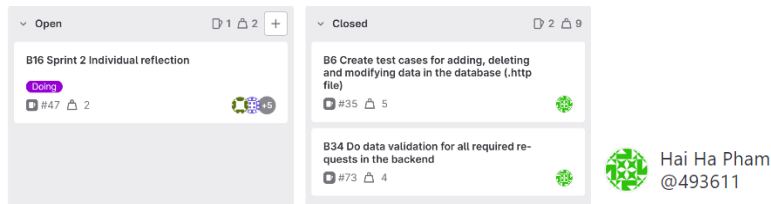

Darius was responsible for adding functionality for editing the converter and company details. He also created a registration page and fixed the edit popup.
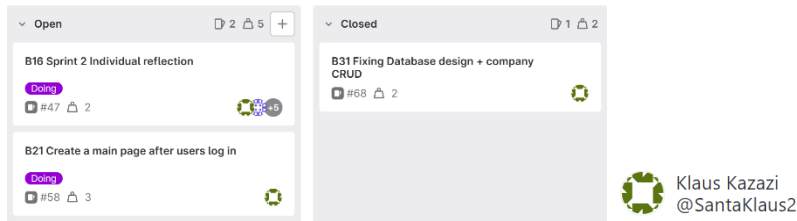

George was mostly responsible for adding the functionality of adding and removing tickets. Fixed the login page and worked on the CRON job for the converter data as well as adding role-based requests in backend.

B16 Sprint 2 Individual reflection
Doing
#47 2

B6 Create test cases for adding, deleting and modifying data in the database (.http file)
#35 5

B34 Do data validation for all required requests in the backend
#73 4

Hai Ha Pham
@493611

Hai Ha worked on creating test cases for adding, deleting, and modifying data. He also worked on the validation requirement for requests in the backend.

B16 Sprint 2 Individual reflection
Doing
#47 2

B21 Create a main page after users log in
Doing
#58 3

B31 Fixing Database design + company CRUD
#68 2

Klaus Kazazi
@SantaKlaus2

Klaus worked on fixing the database design as well as the company CRUD. He worked on creating the main page after users had logged in.

B16 Sprint 2 Individual reflection
Doing
#47 2

B36 Create Sprint 2 group retrospective
Testing
#77 3

B23 Fix navigation bar to properly work with other components
#60 5

TiffanyGit20
@TiffanyGit20
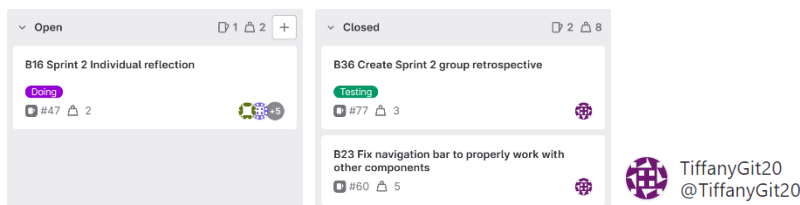
Tiffany was responsible for fixing the navigation bar to work properly with other components. She also created the group retrospective for this Sprint and was also responsible for updating the docs(logs).

B16 Sprint 2 Individual reflection
Doing
#47 2

B28 Display a customer's converters in frontend
Doing
#65 3

B27 Display the company's customers in frontend
Doing
#64 3

Sadra Samadzadeh
@Sadra_Smz
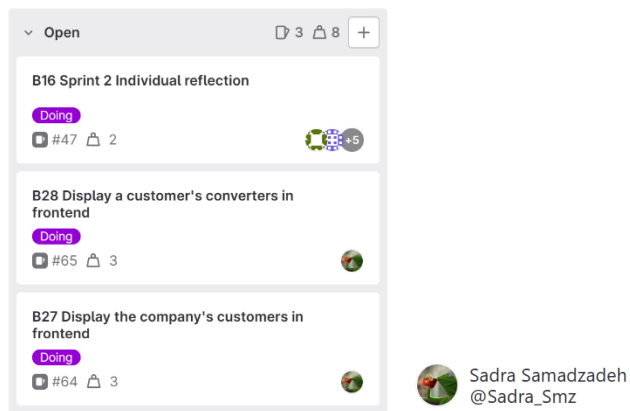
Sadra worked on the display of both the converters as well as the customer in the front end.

Sprint 3

This is the last Sprint of the project. In this Sprint we will work to have a finished product version to demonstrate to the client. In the previous Sprint, we made progress on adding and fixing functionality to the created pages, such as adding, editing, deleting, and displaying data both front and backend. This Sprint will focus on the completion of the product by adding all the missing requirements. We will get to styling all the pages to get stylish and cohesive components for the product. Also, guess of the lack of communication from the client, we as a team will apply dummy data for the converter API that we have yet to get access to. We will also look through the feedback that has been received from the teacher to improve upon our deliverables/documentation.

Meeting 1 (Monday 16-01):

In this meeting, the team got together to look at the project and see what must be finished by the end of the project. We then created new tasks and assigned each a weight after discussing it. This process went well and after, we each took on a new task to work on.

Meeting 2 (Wednesday 18-01):

In this meeting, we discussed and came up with a solution for the delay of the converter API access. We decided to create dummy data to at least be able to complete the data fetching on our product instate of having to rush at the last minute or have it not in the product at all. This could be changed after we have received access. Members that have finished their tasks choose new ones to work on. The focus was to get the product done for demonstration and leave the documentation for the later part of the Sprint.

Meeting 3 (Sunday 22-01):

This meeting focused on getting the product to a stage that would contain all the functionality we intended for the 'final plan of concept' of the product. It was a quick meeting held online to inform each other of the progress that each of us had made and state any problem that you needed help with. Some of the problems, the team was able to resolve some online, but most were noted for the next day to resolve them together face-to-face.

Meeting 4 (Monday 23-01):

In this meeting, the team got together to help each other out with any problems that they came across in the previous week. The goal of today's meeting is to get the product done for a demonstration to the client scheduled for the next day. Everyone finished their tasks and merged their branches into the main

branch. A lot of work was done on adding styling to the pages and creating new pages specifically for different roles.

Meeting 5 (Tuesday 24-01):

On this day, the team had a meeting planned with the client to show a final demonstration of the product. The meeting was planned for 11:30 am this day and was held online. Four out of the seven team members were present for the meeting and prepared by fixing some final errors the product had together. The client was half an hour late to the meeting, but the meeting did take place and went well. The client was pleased with how the product looked and functioned. With the last client meeting finished we focused on improving the product and finishing/improving the documentation.

Meeting 6 (Wednesday 25-01):

From this point, the team was focused on fixing small problems and improving the product by adding styling and functionality like popups, and pagination for the front end. As for the backend, it was mostly fixing data fetch calls that had some errors in them. For the rest, it was also a lot of updating, creating, and improving the documentation with the feedback we received from the teacher. This meeting being the last face-to-face meeting before the end of the project, we each also helped each other out by looking through code together with another member for any parts that could need fixing, improvements for the last hand-in.

Meeting 7 (Sunday 29-01):

This is the final team meeting we have for this project. In this meeting, the team looked through every item that needs to be handed in for the final hand-in and checked if everything is ready for hand-in. Everyone was present at this meeting and handed in their part for the hand-in. We finalized everything and then hand it in marking the finish of the project.

Sprint Sum:
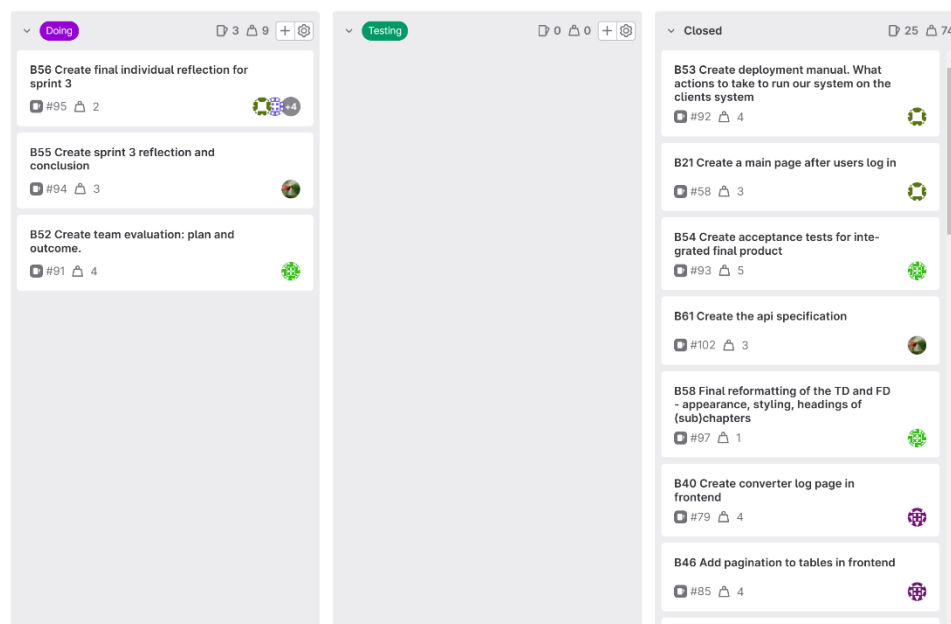
In the image above, the scrum board of Sprint 3 is presented. The goal of this last Sprint was to finish every part of the product and documentation that needs to be handed in. In the first week, we focused more on the product itself because we had a final meeting planned for the second week and wanted to get the functionality of the product done for the demonstration. In the last client meeting, we demonstrated a complete version of the product, and the client was pleased with what we had to show. As for the rest of the Sprint, we focused on getting every part done for the hand-in. We worked on prepping the docs and product for the final hand-in, marking the end of the Sprint and project.

The responsibilities of each team member:

Darius worked on most of the styling of the existing pages/components in the front end. He kept working on the styling each new component that was made.

Open — 1 · 2 · +

B56 Create final individual reflection for sprint 3
Doing
#95 · 2

Closed — 5 · 16

B60 Create Company page with all basic Fetch requests taking in account authorization
#101 · 3

B49 Add add company_id field when registering company admin in frontend
#88 · 1

B50 Fix customer's converter page. Customer can see their converters and global admin can see any customers converters. Company admin can see a customer's converters that belong to their company.
#89 · 4

B57 Fix converter CRUD in backend so that converter_details and converter_status tables are taken into account
#96 · 3

B18 Create CRON job in backend that fetches converter data daily
#55 · 5

Georgs Jakubovskis
@gergjack

George was responsible for creating fetch calls, CRUD, and CRON jobs in the back end. He also made some changes in the front end by adding a company-id field.

Open — 1 · 2 · +

B56 Create final individual reflection for sprint 3
Doing
#95 · 2

Closed — 4 · 13

B52 Create team evaluation: plan and outcome.
#91 · 4

B54 Create acceptance tests for integrated final product
#93 · 5

B58 Final reformatting of the TD and FD - appearance, styling, headings of (sub)chapters
#97 · 1

B58 Add authorisation to dummy converter API
#99 · 3

Hai Ha Pham
@493611
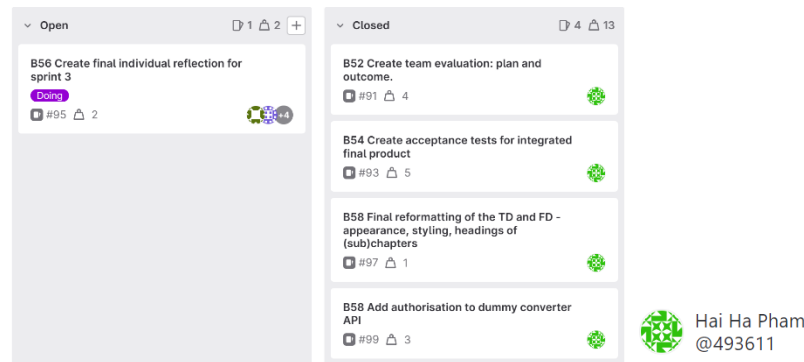
Hai Ha worked on documentation, creating acceptance tests, and adding authorization to the dummy converter.

Open — 1 · 2 · +

B56 Create final individual reflection for sprint 3
Doing
#95 · 2

Closed — 6 · 12

B53 Create deployment manual. What actions to take to run our system on the clients system
#92 · 4

B21 Create a main page after users log in
#58 · 3

B29 Display customer's tickets linked to their converter
#66 · 2

B57 Limit customer and company admin access in frontend to pages and data
#98

B47 Fix converters button on customers page
#86 · 2

B41 Fetch converters logs in backend from database
#80 · 1

Klaus Kazazi
@SantaKlaus2

Klaus worked on creating the manual and fixing the access of data display for each different user. He also created the main page.

Open 📄 1 △ 2 +

B56 Create final individual reflection for sprint 3
`Doing`
🔲 #95 △ 2

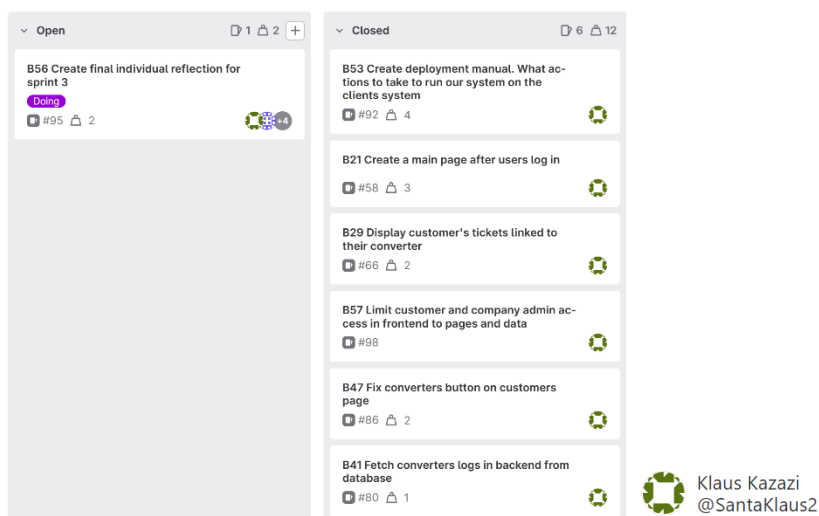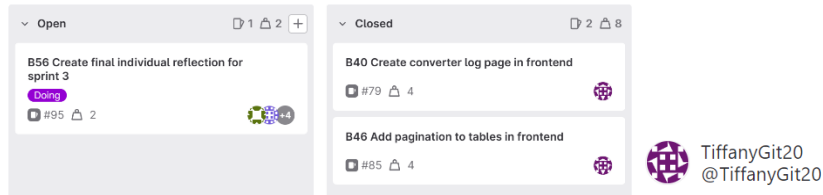**Closed** 📄 2 △ 8

B40 Create converter log page in frontend
🔲 #79 △ 4

B46 Add pagination to tables in frontend
🔲 #85 △ 4

TiffanyGit20
@TiffanyGit20

Tiffany was responsible for creating the converter log page and creating the pagination component and adding it to all of the tables. She also kept updating the logs she was responsible for.

Open 📄 1 △ 3 +

B55 Create sprint 3 reflection and conclusion
`Doing`
🔲 #94 △ 3

Closed 📄 2 △ 7

B61 Create the api specification
🔲 #102 △ 3

B59 Add functionality in frontend to add a ticket and a new log for that ticket so that it has a status (backend).
🔲 #100 △ 4

Sadra Samadzadeh
@Sadra_Smz
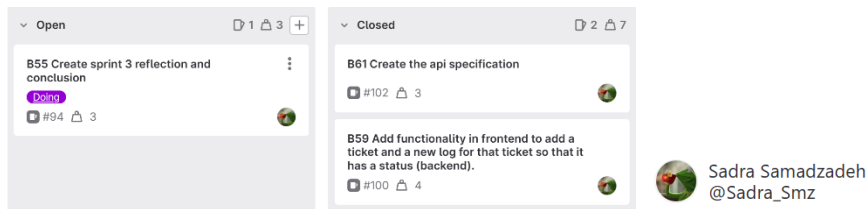
Sadra worked on the API specification and functionality in the front end for adding tickets and new logs and updating it in the back end.