

# Reflection report

## Introduction

This project has been challenging. But also a great learning experience with new tools like jquery and jira. I definitely had some ups and down along the way but overall, pretty it was great.

## Project process:

The project started off smoothly with planning and setting up jira for project management. I then continue to work on the frontend layout and styling for the website. However, the backend part of the project was the most time consuming and frustrating. Since it was was a big picture i was not sure where to start. I began with the digital clock, which was relatively simple, but i got stuck on the staff board for a while as the toast notification was not begin shown for all the staff members. So, i moved on to the delivery function, which was a abit easier, and i figured out how to do the toast notification for all the driver and used the same method for the staff as well. Later i realised that i forgot to use OOP concepts and added or it at the end. But i think i misunderstood the function part of it or did not use it in the right way? Finally, i went back to update the jira board, project sprint, and so on.

## Jquery:

I had studied fontend with Noroff before joining the backend, so i knew abit about Javascript, but i had never used JQuery before, i wanted to give it a try on the staff board function, and it involved alot of googling to understand its syntax and what it can do. In my eys, the syntax still seems abit messy, but it pretty short compaire to the regular javascript.

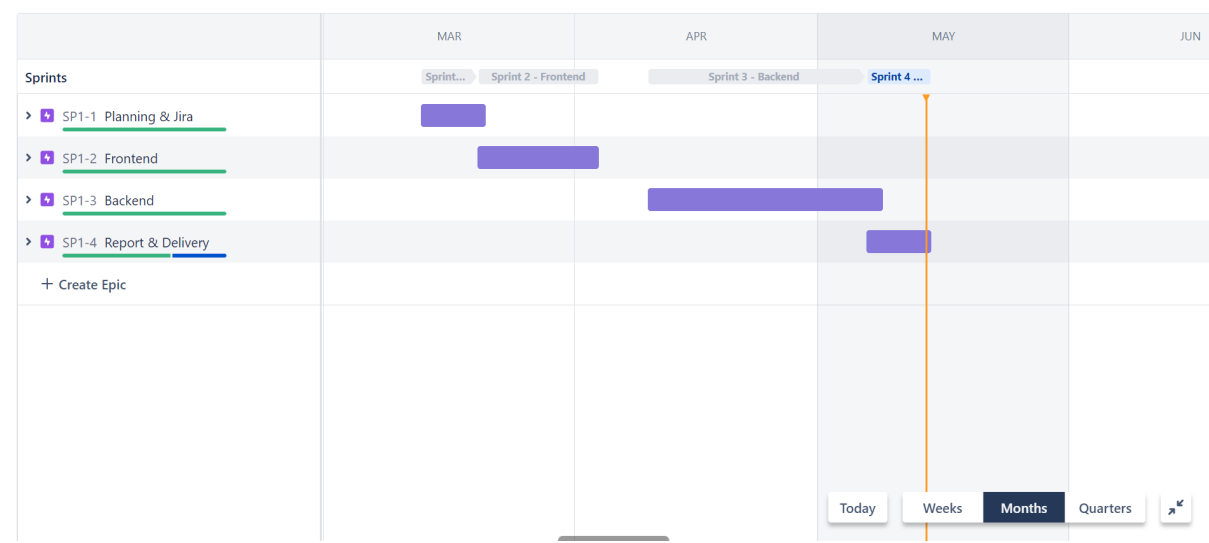
## Challenges faced:

I face several challenges during the project. One of them was the global scope. I encounter a lot of errors because I tried to use block/function scope on other function like the Api data and the prompt input. It took me a while to figure out what needed to be declared as array, object or just a variable outside as global scope. Another challenge was displaying the time in hh:mm format. Although it wasn't that hard to display the time in hh:mm format, when I had to use it to calculate with the input prompt data and show the return time, it was a bit of a mess. It took me a while to figure it out because the format had to be the same to calculate.

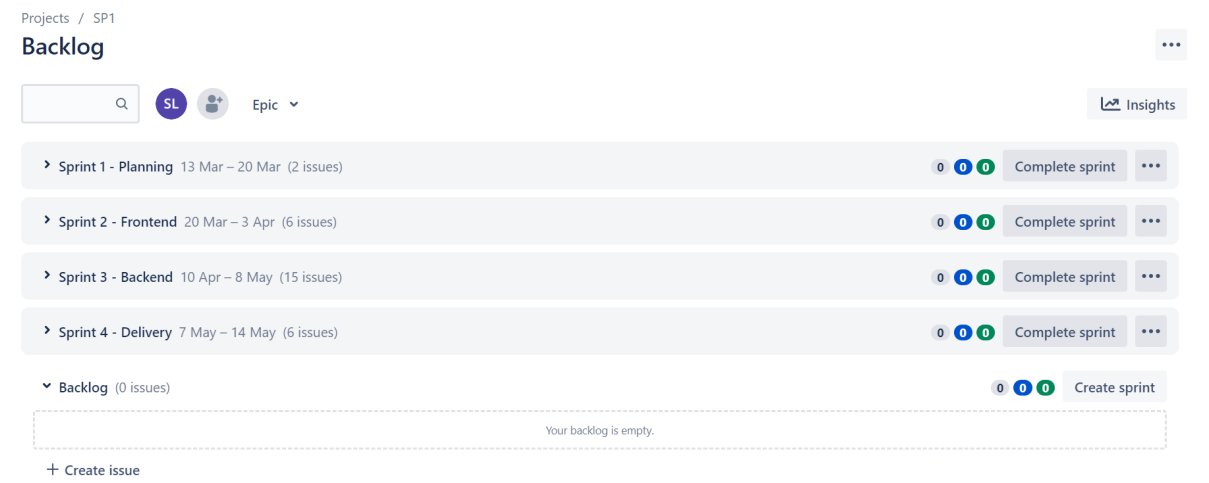
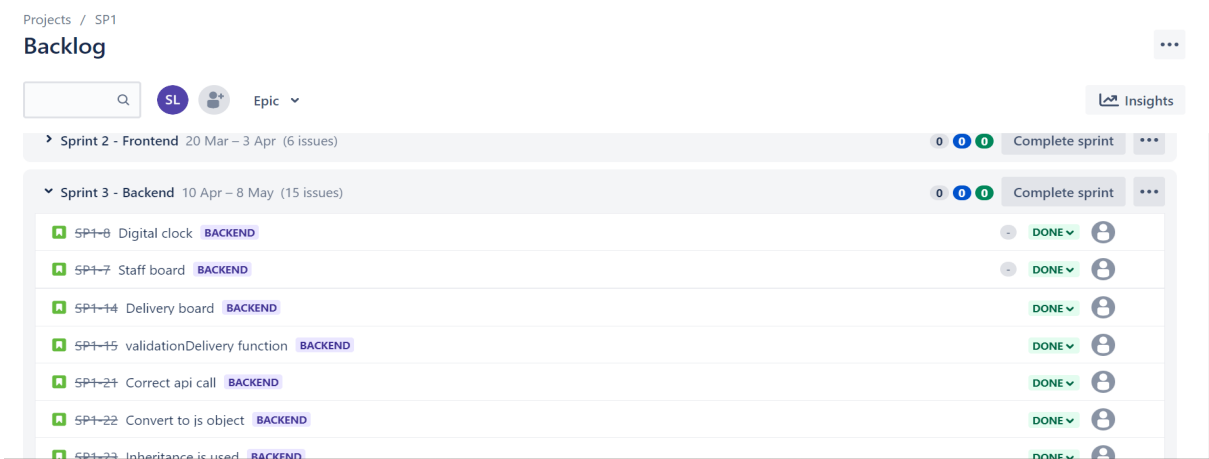
Another challenge was with the staff/driver loop or array and interval id. Initially, I didn't think about looping through the staff or driver, but the bugs came when I was doing the toast. I noticed that only one staff/driver could be shown at a time, and it was crashing with each other toast. It took me a few days to figure out that I needed to loop or put the staff/driver into an object so I could use it in other functions as well.

Finally, I had difficulty with the rounded corner of the table. As you can see, the border of the table did not cover the rounded corner and I was not sure why. I tried many different methods like !important or not using bootstrap CSS inline style. I thought about leaving either the border or the rounded corner out for better look, but since the assignment asked for both.

# Roadmap






# Backlog



# Sprints

Projects / SP1

All sprints

 0 days remaining

Complete sprint

...

Q

SL




Epic

Sprint

GROUP BY


None

 Insights

TO DO 1 ISSUE

Github access


REPORT & DELIVERY

 SP1-18

IN PROGRESS 1 ISSUE

Jira update


REPORT & DELIVERY

 SP1-11

DONE 27 ISSUES


HTML layout

FRONTEND

 SP1-5

CSS styling

FRONTEND

 SP1-6

User experience

FRONTEND

+