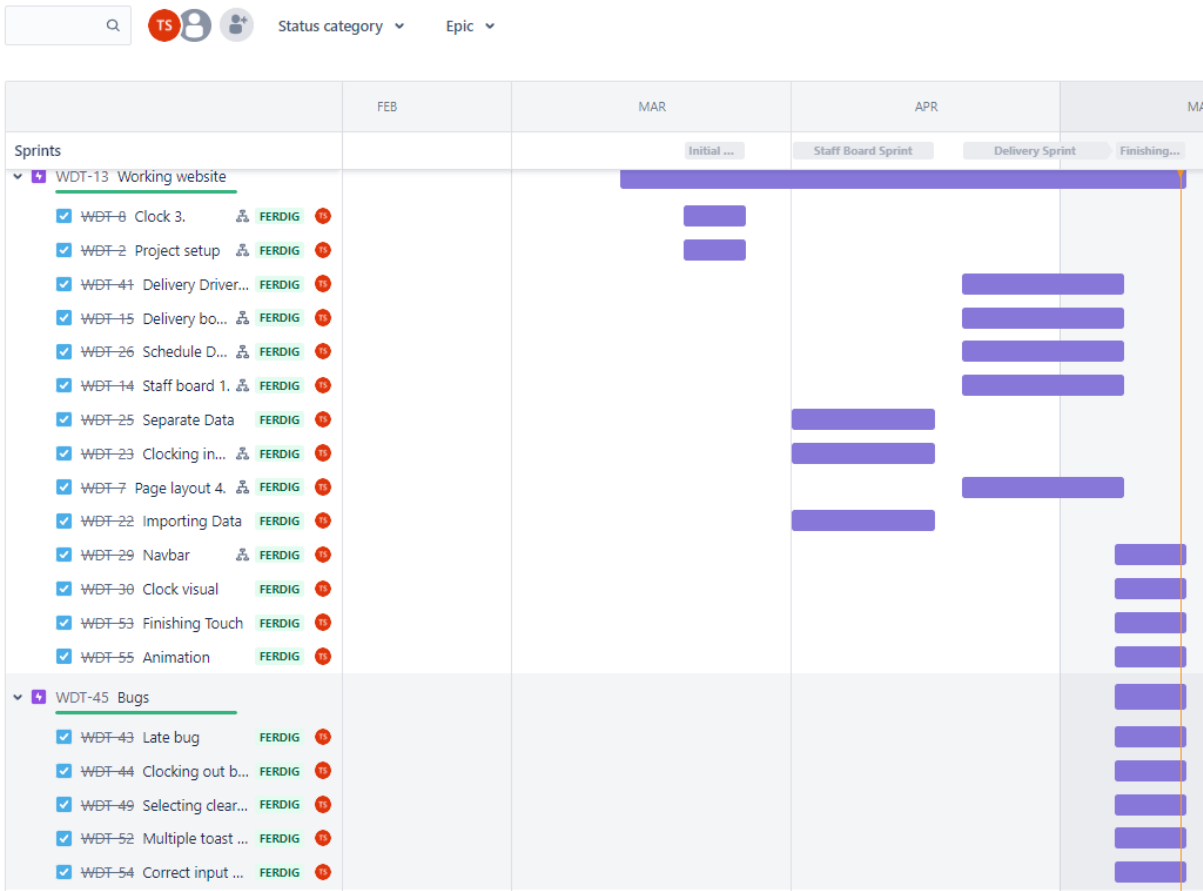


Reflection Report

Initial Plan: After reading the assignment, the first thing I did was to divide the project into four parts; Project setup, Staff-Board, Delivery-Board, Project finish.

Roadmap



Epic’s created for Working webite and bugs.

Working website

Attach Add a child issue Link issue

Beskrivelse
Add a description...

Child issues

WDT-8	Clock 3.	FERDIG
WDT-2	Project setup	FERDIG
WDT-41	Delivery Driver Class	FERDIG
WDT-15	Delivery board 2.	FERDIG
WDT-26	Schedule Delivery 2.	FERDIG
WDT-14	Staff board 1.	FERDIG
WDT-25	Separate Data	FERDIG
WDT-23	Clocking in/out	FERDIG
WDT-7	Page layout 4.	FERDIG
WDT-22	Importing Data	FERDIG
WDT-29	Navbar	FERDIG
WDT-30	Clock visual	FERDIG
WDT-53	Finishing Touch	FERDIG
WDT-55	Animation	FERDIG

WDT-45 Bugs

Beskrivelse
Add a description...

Child issues

WDT-43	Late bug	TS	FERDIG
WDT-44	Clocking out bug	TS	FERDIG
WDT-49	Selecting clear bug	TS	FERDIG
WDT-52	Multiple toast notif...	TS	FERDIG
WDT-54	Correct input Sche...	TS	FERDIG

Project setup (initial WDT sprint);

- Setting up Jira and making a long-term plan for the project, adding planed sprints.
- Making a project folder with all the right files, linking it up with GitHub.
- Getting the right version of bootstrap and jQuery working on the wdt_app.js.
- Setting on a basic html for the site.
- Setting up a css file with the given specification.

Sprint

Initial WDT Sprint

Estimation field

Issue count

...

Date - March 20th, 2023 - March 26th, 2023

Sprint goal - Get the project going, make a work plan, and set up what's required. Files, folders, GitHub, Jira, libraries, extensions, and APIs are ready so more isolated work can begin. Start with adding the clock as the first issue to resolve.



Date	Event	Issue	Completed	Scope
Mon, Mar 20 2023, 9:45am	Sprint started		0	0
Tue, Mar 21 2023, 11:44am	Estimate updated	WDT-2 Project setup	0	0
Tue, Mar 21 2023, 11:48am	Estimate updated	WDT-8 Clock 3.	0	0
Wed, Mar 22 2023, 9:27am	Added to sprint	WDT-2 Project setup	0	0 → 1
Wed, Mar 22 2023, 9:27am	Added to sprint	WDT-8 Clock 3.	0	1 → 2
Wed, Mar 22 2023, 7:45pm	Issue completed	WDT-2 Project setup	0 → 1	2
Sat, Mar 25 2023, 9:50am	Issue completed	WDT-8 Clock 3.	1 → 2	2
Sat, Apr 01 2023, 5:17pm	Sprint completed	WDT-2 Project setup WDT-8 Clock 3.	2	2

Initially the plan was to also get the randomeuser.me API working in the project setup, but I discovered that it would be better doing that while working on the staff board. I discovered that the project setup would not take that much time, so I added task 4 (clock) on the plan for the project setup sprint (Initial WDT Sprint). I figured it be the smallest and easiest task, and it would be a good start to get familiar with working with dates and time on javascript. The initial sprint went fine, and was completed way ahead of schedule.

Staff-Board (Staff Board Sprint):

- Creating a table with javascript.
- Creating Staff and employee class.
- Importing data.
- Making the data into employees, storing it in an array.
- Filling the html table with the employee's data.
- Clocking inn/out functionality.

Here is where I started running into some problems. It started out good, I made a JS function that created a table in the html, and then I imported the data from randomeuser and filled it directly on the table to test it out. Everything went smoothly so I created the Staff and Employee class and made it so the imported data get turned into an employee before filling the table, based on how many employees there is in the table.

Now for the clocking inn/out I wanted the user to be able to click on the table, select the employee and then click the inn or out button to call its functionality, having it change color on mouse hover, and on click indicating which employee is selected. The alternative would be to have a prompt pop-up for when you click the buttons, and it would ask which employee you want to clock inn/out, then you would have to type down the name or order in the table to select the employee. That would not be a good user experience, since it would require the user to type the name correctly or count the order on the table, selecting would only require two clicks and no extra effort for the user.

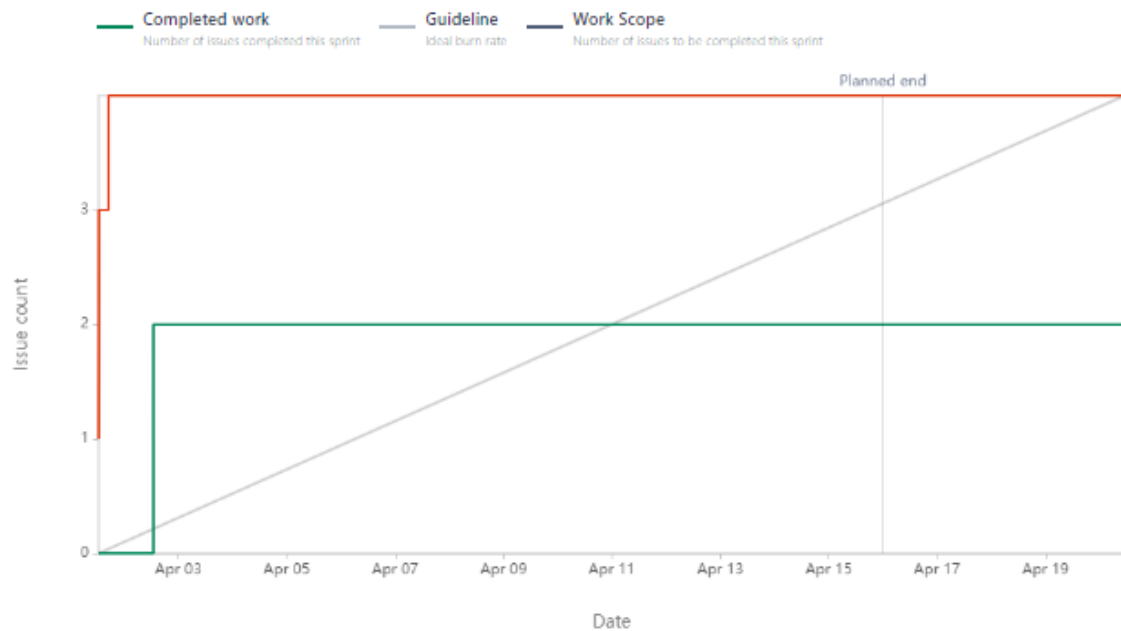
Even though there was a set number of employee's (5) I wanted the table to be scalable, so it would be created and filled based on the number of employers. That created problems with the JQuery selector, since it was unable to find anything created after its initialization, because of the time it took to import the randomeusers. I ended up spending a lot of time trying to make it work with cumbersome and unnecessary complicated solutions that either did not work or created new problems. After a while, I decided to abandon having a scalable table, and just hard code in the tables into the html. I was not too happy about that, since I believe the solution to be simple and I spent a lot of time in vain, but I was falling behind on schedule and I had to move forward.

Staff Board Sprint

Issue count

Date - April 1st, 2023 - April 16th, 2023

Sprint goal - Setting up the Staff Board table on the html and link it to js functionality, clocking the employees in and out



Date	Event	Issue	Completed	Scope
Sat, Apr 01 2023, 12:43pm	Sprint started	WDT-14 Staff board 1.	0	1
Sat, Apr 01 2023, 12:49pm	Added to sprint	WDT-22 Importing Data	0	1 → 2
Sat, Apr 01 2023, 12:49pm	Added to sprint	WDT-23 Clocking inn/out	0	2 → 3
Sat, Apr 01 2023, 5:06pm	Estimate updated	WDT-25 Separate Data	0	3
Sat, Apr 01 2023, 5:06pm	Added to sprint	WDT-25 Separate Data	0	3 → 4
Sun, Apr 02 2023, 12:56pm	Issue completed	WDT-22 Importing Data	0 → 1	4
Sun, Apr 02 2023, 12:56pm	Issue completed	WDT-25 Separate Data	1 → 2	4
Thu, Apr 20 2023, 11:00am	Issue completed	WDT-23 Clocking inn/out	2 → 3	4
Thu, Apr 20 2023, 11:02am	Sprint completed	WDT-14 Staff board 1. WDT-22 Importing Data WDT-23 Clocking inn/out WDT-25 Separate Data	3	4

Delivery-Board (Delivery Sprint):

- Create a Schedule table with input fields.
- Create a Delivery table.
- Create Delivery Driver class.
- The input data from the schedule table creates delivery drivers.
- Fill the html table with deliveries.
- Toast notification.

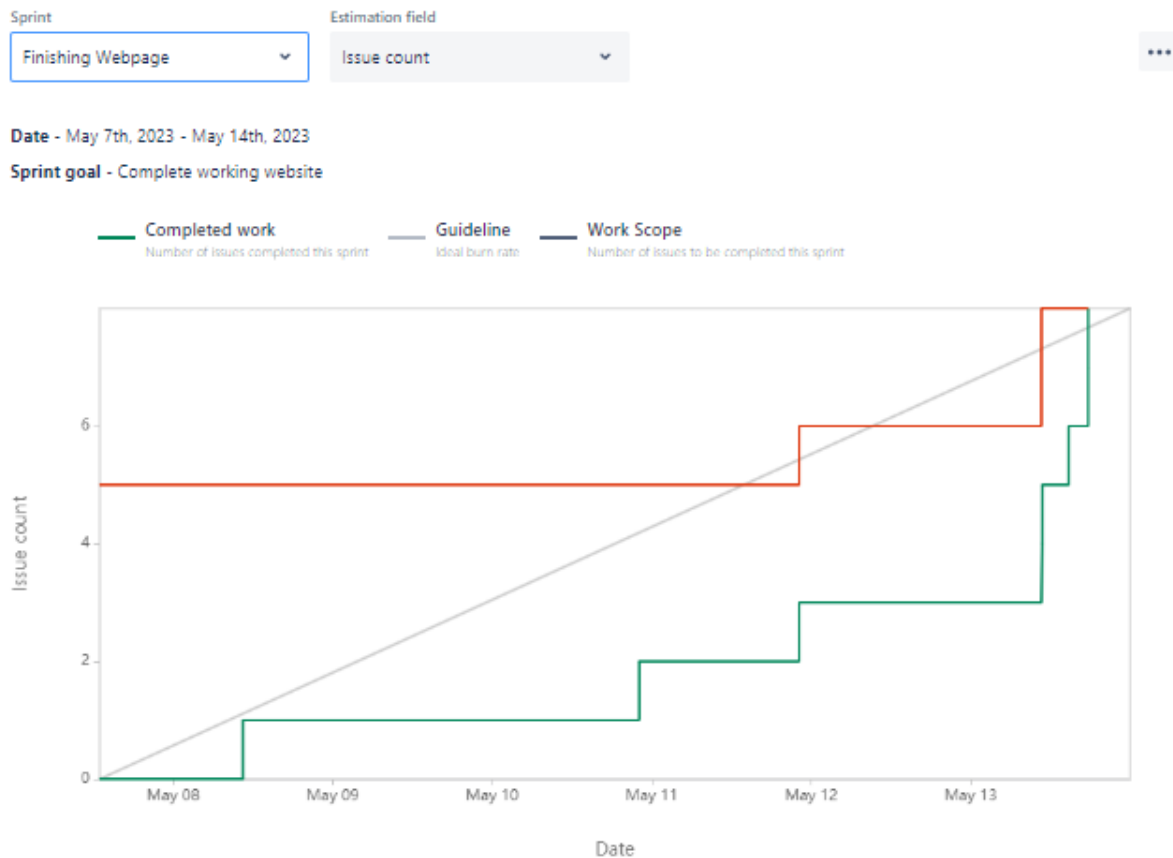
Whit the same issue of selector not working on tables created after initialization I decided to have to max number of delivery's be 5, for realistic proposes I would guess there would be in need for more, but since the main propose for the website is to have correct functionality I chose a low number for order sake. I also chose to hide the row without delivery orders, so it would be easier for the user to see how many deliveries are active.

I choose the make the car and motorbike input be a toggle and the vehicle data be a boolean, since there only were two choices. A toggle would only require the user to click it once to change, rather than typing it into a text input.



Project finish (Finishing Webpage):

- Create navbar.
- Add animations.
- Visuals, css tuning.
- Fix bugs.
- Write report and ReadMe.



The navbar took more time than anticipated, and was a little complicated to incorporate. I decided to add a dropdown animation when opening the Inventory or Orders dropdown menu for ascetics. I did so by adding key frames animation on the css file. I also added an animation smooth scaling up the button size when hovering over with the mouse button. The animation on the toggle is already built in the input type checkbox.

For the visuals I centered the table and its content, placed the logo below the dashboard and fixed it to the left. After playing around with shadows and borders, I finally chose to have no white border on the table content, rather going with inner shadows to divide the cells and rows. I also decided not to have every other table row be a lighter/darker color, I did so because it felt a bit messy with the selection hover color change, and felt a bit cleaner without.

The bugs left was with the time when the expected return and return time hit a round hour not adding an extra hour and making the employee/driver late immediately. This was an easy fix, by just adding an extra hour on the clockOut() function if the duration minutes and current minutes adds up to or is over 60. For the driver I made the addValidator() check if the hours and minutes was not over 23 and 59 instead of 24 and 60.

Date	Event	Issue	Completed	Scope
Sun, May 07 2023, 12:57pm	Sprint started	WDT-29 Navbar WDT-30 Clock visual WDT-44 Clocking out bug WDT-43 Late bug WDT-49 Selecting clear bug WDT-52 Multiple toast notifications	0	5
Mon, May 08 2023, 10:29am	Issue completed	WDT-29 Navbar	0 → 1	5
Wed, May 10 2023, 10:07pm	Issue completed	WDT-30 Clock visual	1 → 2	5
Thu, May 11 2023, 10:11pm	Issue completed	WDT-49 Selecting clear bug	2 → 3	5
Thu, May 11 2023, 10:12pm	Estimate updated	WDT-53 Finishing Touch	3	5
Thu, May 11 2023, 10:12pm	Added to sprint	WDT-53 Finishing Touch	3	5 → 6
Sat, May 13 2023, 10:39am	Estimate updated	WDT-54 Correct input Schedule Board	3	6
Sat, May 13 2023, 10:39am	Added to sprint	WDT-54 Correct input Schedule Board	3	6 → 7
Sat, May 13 2023, 10:39am	Added to sprint	WDT-55 Animation	3	7 → 8
Sat, May 13 2023, 10:46am	Issue completed	WDT-43 Late bug	3 → 4	8
Sat, May 13 2023, 10:47am	Issue completed	WDT-52 Multiple toast notifications	4 → 5	8
Sat, May 13 2023, 2:44pm	Issue completed	WDT-54 Correct input Schedule Board	5 → 6	8
Sat, May 13 2023, 5:41pm	Issue completed	WDT-55 Animation	6 → 7	8
Sat, May 13 2023, 5:41pm	Issue completed	WDT-53 Finishing Touch	7 → 8	8
Sat, May 13 2023, 5:41pm	Sprint completed	WDT-29 Navbar WDT-30 Clock visual WDT-44 Clocking out bug WDT-43 Late bug WDT-49 Selecting clear bug WDT-52 Multiple toast notifications WDT-53 Finishing Touch WDT-54 Correct input Schedule Board WDT-55 Animation	8	8