Reflection Report
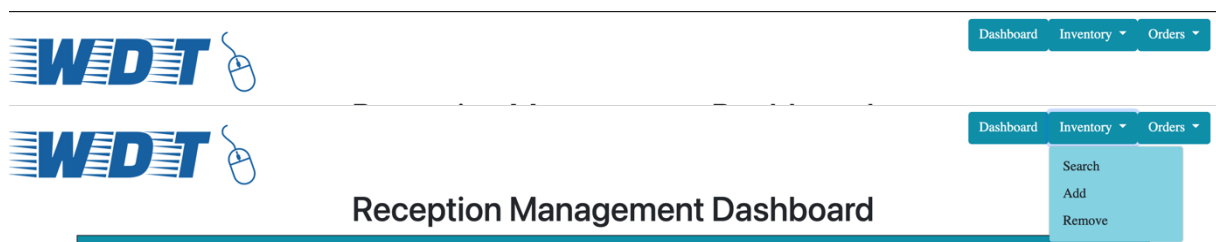
This is a reflection report by Sander Nathaniel Karlsen Låstad for Noroff Back-end 2022 Semester Project (December)

Content
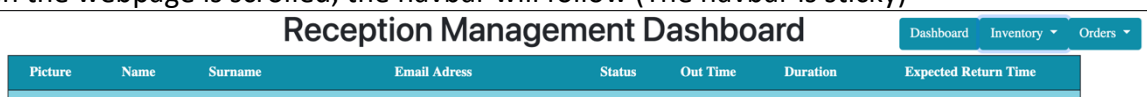
Navbar

The Navbar was asked to have three buttons. One dashboard, inventory and orders. Inventory and orders are both dropdown that have buttons (non-funcitonal as per requests) and has their logo to the left. – This is **not** part of the navbar

When the webpage is scrolled, the navbar will follow (The navbar is sticky)


Dashboard

The dashboard gives an API call to https://randomuser.me/ and collect 5 random users that it will add to the table. One issue I encountered was that the API will sometimes block me and

only allow me to collect 4 users, meaning that it isn't perfect and will only collect 4 at most times of the day. This could be fixed by calling a database instead, or a private API that can give multiple users at once, or allow for more api calls

The dashboard will highlight when you mouse over an option so that the receptionist can tell who they are selecting. They can then choose to "Clock Out" that staff and select a time in the given format**: XX:XX (Example: 19:00).** I chose this format instead of hours and minutes because it is faster to type and easily readable and understandable. It was also provided in the mockup from the company, so I figured the extra work to get this done would be appreciated.

When a valid time is entered, it will display the current time in Out Time, how long until they return and the time the user entered in "Expected return time". See examples below:

Reception Management Dashboard

Picture	Name	Surname	Email Adress	Status	Out Time	Duration	Expected Return Time
	Oona	Kinnunen	oona.kinnunen@example.com	In			
	Monisha	Prajapati	monisha.prajapati@example.com	In			
	Kerttu	Laakso	kerttu.laakso@example.com	In			
	Jetske	Elling	jetske.elling@example.com	In			

Clock Out · Clock In

Reception Management Dashboard

Picture	Name	Surname	Email Adress	Status	Out Time	Duration	Expected Return Time
	Oona	Kinnunen	oona.kinnunen@example.com	In			
	Monisha	Prajapati	monisha.prajapati@example.com	In			
	Kerttu	Laakso	kerttu.laakso@example.com	Out	21:28	31m	22:00
	Jetske	Elling	jetske.elling@example.com	In			

Clock Out · Clock In

Schedule Delivery

Schedule Delivery is coded to take a quick evaluation of each field to make sure they fit a set requirement and mark invalid fields red (as well as send an alert to the user with what the issue is).

I decided to add the red coloring field because it would make it easier for the receptionist to see where they made a mistake instead of having to go through all the alert errors.

The return time **must** be formatted like this: **xx:xx (Example: 19:00)** for it to work.
I decided to add it in a clock sense as it is humanly readable and quick to write, instead of having to write it like this: 1h 40m/1 hour 40 minutes.

When the vehicle is added, all the fields are cleared, and the colors are reversed back to the original.

See examples below:

Schedule Delivery

Vehicle:	Name:	Surname:	Telephone:	Address:	Return Time:

Schedule Delivery

Vehicle:	Name:	Surname:	Telephone:	Address:	Return Time:
car					

Add Delivery

Delivery Board

The delivery board would take in the values given by the receptionist and turn the vehicle into an image of a car, bike or a truck.

The CLEAR TABLE button will remove any record on the table and allow the receptionist to add new ones.

Delivery Board

Vehicle	Name	Surname	Telephone	Address	Return Time
🚗	s	s	46538776	hetlevikåsen	19:00

Clear Table

Digital Clock

As per requests, a digital clock was put on the bottom of the webpage to display the current time which is updated in real time.

11/11/2022 09:36:03

Toast

A toast was **not** added as I didn't figure out how to properly implement it.
While I figured out how to calculate when the user was late, I didn't find a way to show a toast with the image, name of staff and so on, and chose not to implement this feature as it would be half finished and look poorly
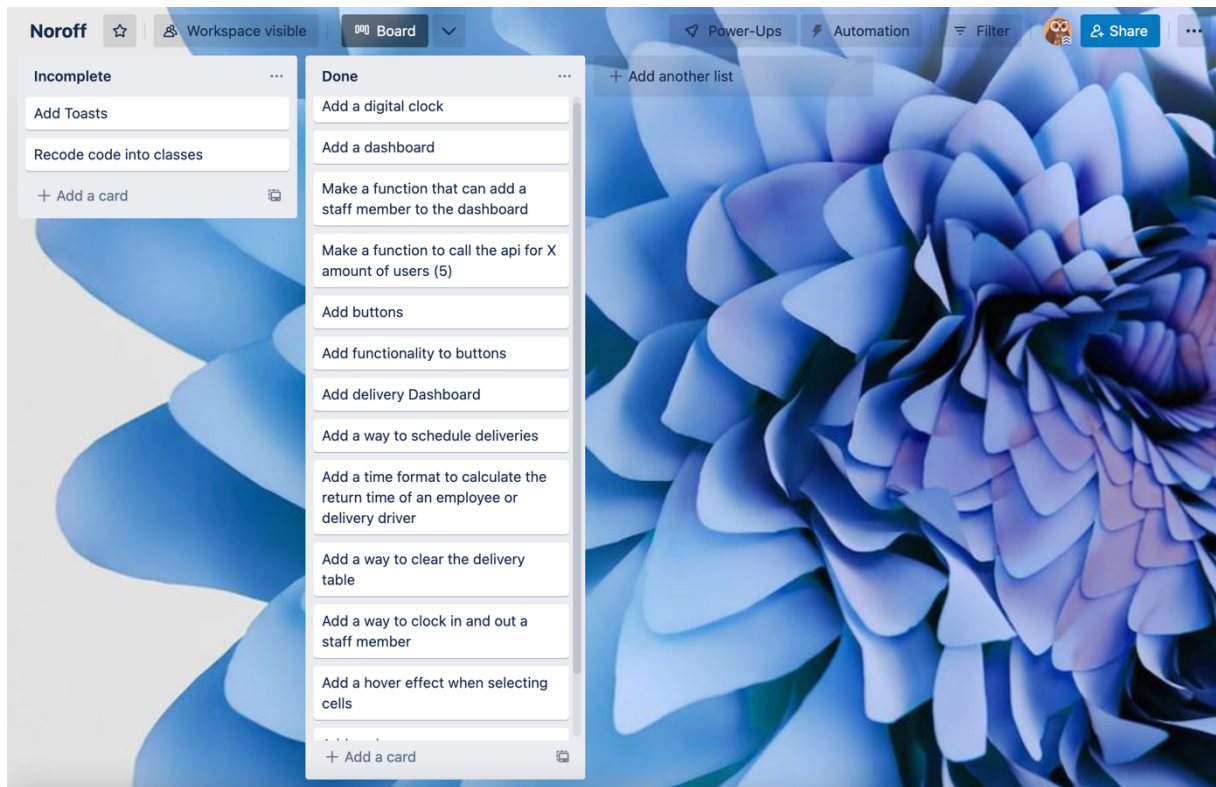
Entire Webpage

Checklist

I decided to make my worklist on Trello as it allowed me to easily add/move my tasks under way, and easily manage what I had to do.

The benefit with this system is that I could also share my progress (live) with the company.

Incomplete:

I did not manage to implement Toasts, and did not have enough time to recode my code into classes. I didn't quite figure out classes and didn't want to ruin my code. My last assignment with classes was denied, and I didn't figure out why certain things were wrong and decided to leave working code (without classes).

While I figured this might be inconvenient to the customer, I also decided that unfunctional code would be worse.