- **How is your team doing? Does it work well? Can you improve?**

We feel that it's going well. Everyone seems to be on track and the project is evolving as we want it to. Some implementations of the project proved harder than others but we are collectively trying to work on them which we feel is going well. Communication within the group is very good and we feel we are a good team. We could improve our ability as a team to estimate how difficult things are to implement. This also means improving our ability to estimate other things like sprint durations etc. It's easy to forget that when you are looking at a website, take Myfitnesspal for example. Every single little feature that we might take for granted does have several hours behind them. We as a team need to improve our ability to appreciate features and realize that some things take time and expertise, things that we might lack.

- **How do you ensure that your software is of good quality? Any measures you have taken (e.g., pair programming, test procedures, code reviews etc?)**

We have continued with pair programming when working on the project. This has proved fruitful since we can discuss solutions and implementations which really makes our work more productive and higher quality.

- **What user stories did you implement in this sprint?**

The user stories that we completed and we would like to highlight are the user stories concerning Marie. This correlates with implementations like the circle for example that dynamically updates with the amount of water the user has drunk so far. We also completed user stories containing backend elements where user data is saved so they don't have to reenter information each time that they re access a page etc.

- **What are your plans for the upcoming sprint?**

Our plans for the next sprint is to complete most of the tasks left on the board. That way we ensure that there is no chaos in the last sprint and we can instead focus on the finishing touches for our product. What we'd like to improve and add to our web-app is a generally cleaner interface, like implementing a finished navbar and using it on all pages making it feel like they're connected. We also want to improve our use of sessions, storing the users log-in data and their current water intake during the day. We also want to add the other pages, such as the page showing water purity around the world indicating if the water where you are at is safe to drink or if it's polluted. We will then reflect again before sprint 6 and see what else we want to improve upon.
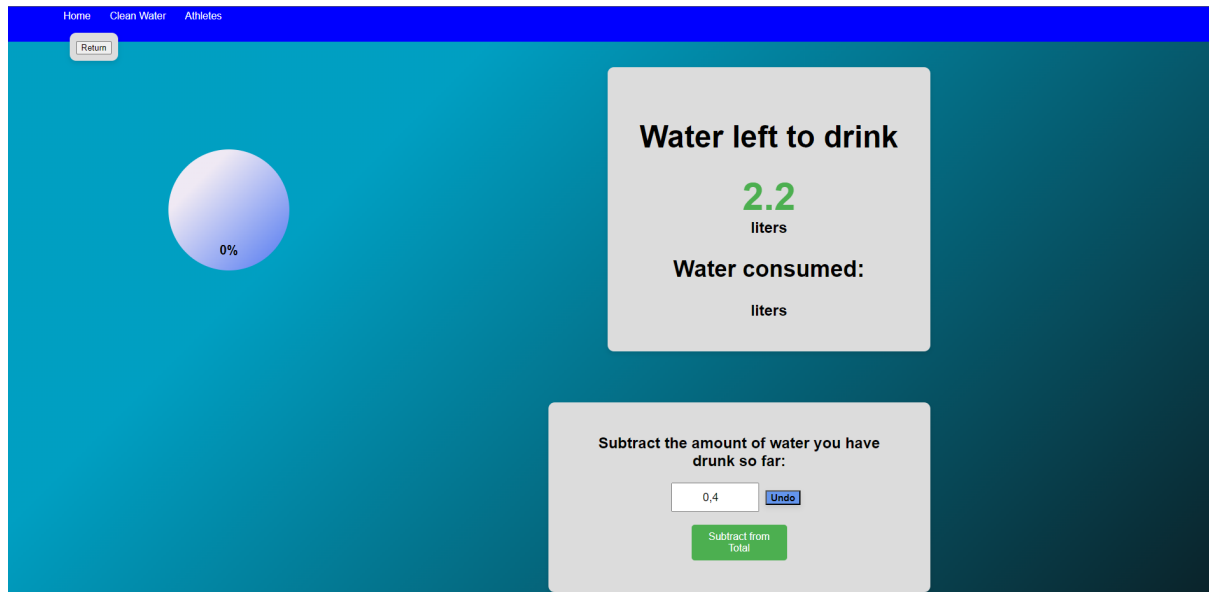
Beginning of sprint
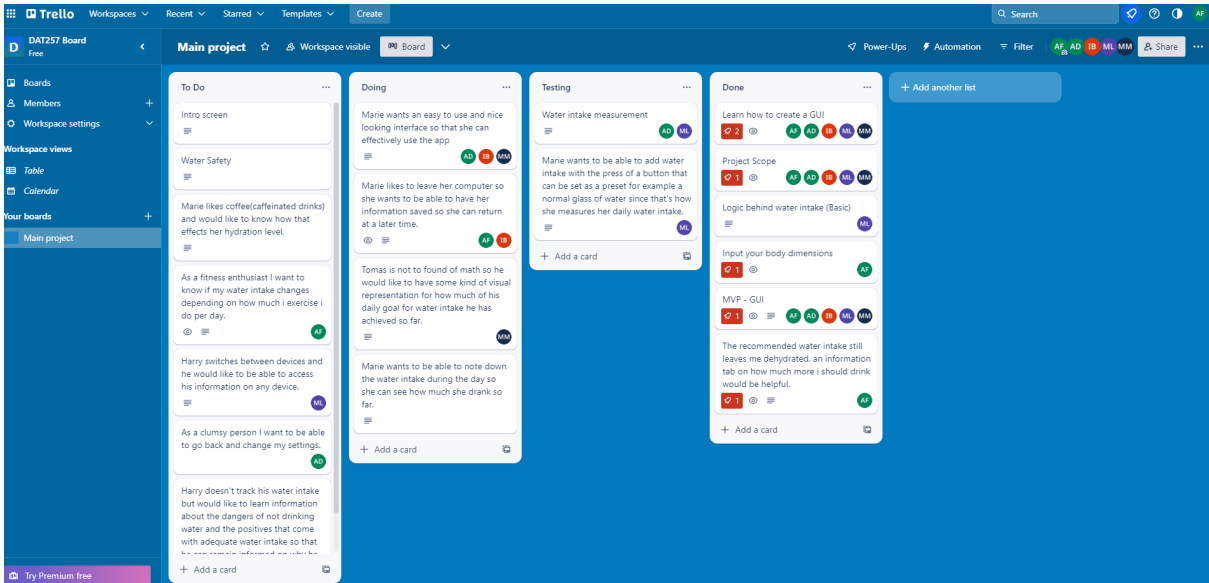
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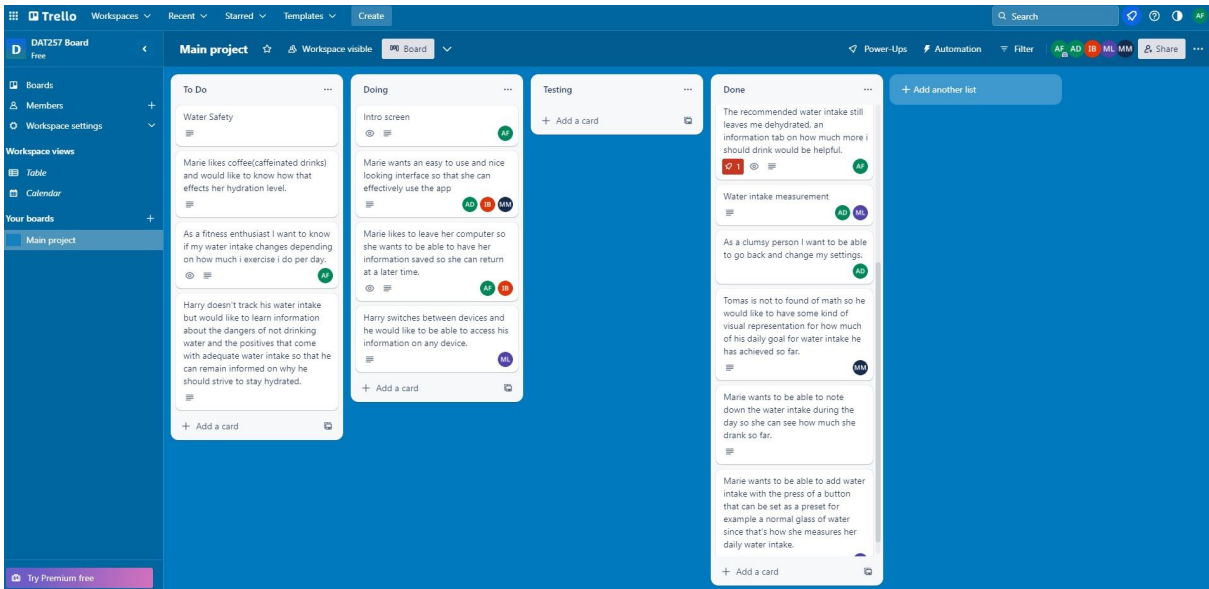
Functionality - Calculator

The page that had the most visual change was our calculator. As you can see we now have an animation that updates with the amount of water the user has drunk. We also added some quality of life improvements like undo buttons etc.

Functionality - Backend

This is our register page with the login page looking similar right now. This is the current front for our backend implementation. Although the backend is finished we want to fix this page using HTML so it looks more presentable to the user.