Sprint 1:

- **What do I want to learn or understand better?**

To prepare for sprint 2 the team decided together that we should all research GUI implementation in python. This in turn will help us make the process of creating the GUI smoother since everybody can be on the same page. We also share the videos we find with each other to somewhat learn as a team.

- **What is my contribution towards the team's deliveries?**

Planning how to solve the task. Then together with the team work concurrent with each other. Like how we wrote the team reflection this week. This is also how we plan on developing our application.

- **How can I help my team do better next sprint?**

I think our team did great this sprint. Next sprint I suggest we have meetings in person since the meeting becomes overall more efficient. Learning and planning as a group becomes easier in person in my opinion.

Sprint 2:

- **What do I want to learn or understand better?**

As anticipated from last week we started developing our GUI. The research proved to be helpful start to our development. I mostly worked on the visual representation of the user's water intake. This have helped me get a better understanding of HTML and css as well as understanding GUI development overall.

- **What is my contribution towards the team's deliveries?**

This week I worked on the water intake visual that uses the consumed water data to evaluate how much more water the user needs to drink to reach their goal. This visual acts as a progress bar but in a circular manner. How much the progress bar fills in depends on the percentage of the goal the user has accomplished yet(actual water intake divided by goal). A full 360 degree lap means 100%, i.e the user has reached their water intake goal.

- **How can I help my team do better next sprint?**

Preparation is key. We talked about sql to handle the user's water consumtion data over different days, kind of like a calender. So perhaps I can teach some things in sql to the others that didn't take the database course.

- **Changes/Improvements from last weeks reflection?**

Looking back at last weeks reflection, I feel like the project as a whole has made a lot of progress. Also as expected working together at campus proved to be very effective.

Sprint 3:

- **What do I want to learn or understand better?**

This week I have improved the GUI which proved to be quite difficult but in the end I managed to add the visual representation/progress bar for the application into the GUI. Next week I would like to learn more about animations in css and how you trigger them through javascript code. I have already looked into this quite a bit but need to understand this better to make it really work.

- **What is my contribution towards the team's deliveries?**

The visual I talked about is now developed and can be found in the upper left corner of the application. So whilst you update your water intake this visual also updates and is split into 4 parts. This being 25%, 50%, 75% and 100% water intake of the day. The only problem is that I haven't successfully attached this part to the code yet.

- **How can I help my team do better next sprint?**

Prepare in advance like I wrote last week. When we have our meeting on tuesday this week we will discuss things we want to do/change about our project. Perhaps also discuss how we can make use off sql in this project.

- **Changes/Improvements from last weeks reflection?**

I agree with last weeks reflection on this part this week too. The GUI is more developed this week.

Sprint 4:

- **What do I want to learn or understand better?**

The animation for the positive progress on the circle is now implemented and working. Next week I want to implement the opposite so that the circle's percented filling can be retracted since we now have a undo button.

- **What is my contribution towards the team's deliveries?**

This week I managed to implement the visual progress bar. This by adjusting the already set GUI for the calculation phase of the program. Instead of everything in the middle I set the circle in the left upper part of the website and the water intake/consumed calculations on the right part.

- **How can I help my team do better next sprint?**

Preparation is key. Maybe suggest which user stories are most important or discuss that in the group when a new user story should be started being implemented.

- **Changes/Improvements from last weeks reflection?**

For one the animation now actually works. We have made the GUI look more pleasing by using different aquatic gradients. Next week we want to add multiple pages with different functionality on our website.