

# Sprint Retrospective: Group 2

## Inspect:

There was a lot of waste, this was due to these practices:

- We did not research how to setup an Azure web app before hand and just dived straight into it, this was a mistake as we ended up wasting a lot of time and team effort to get it up and running, it was not all due to faults of our own, Azure was acting up and could not communicate with our GitHub repository.
- The first point goes in hand with this next one, we were waiting about doing nothing while person x and y worked on setting up the server/web app or waiting for person x to finish one part of the code so person y could work on the next part.
- Our sprint was way too ambitious, we thought we could fit most of the brief into our first sprint... We could not, this caused a few issues as it threw off our pace.
- We were slow to start the day, we would start with a scrum meeting and then linger about for too long before getting into the process of working on our tasks.
- We are still trying to setup a pair programming system that works well, currently it feels like we're not doing it properly, for example person x might be getting on with it but person y can't exactly intervene and help person x due to their pace or no real issues coming up.

## Identify:

- We did a second take midway through the week/sprint and managed to reorganize ourselves. We took time and started to plan out our plan of attack more cohesively, we started to beat tasks together and hopefully managed to setup functions that will make the second sprint smoother, not to mention this mishap taught us many lessons in organization which will be deployed next sprint.
- This would include refining our backlog to make sure it was more realistic, this was mainly changing our velocity, as tasks ended up taking longer than we expected to complete – which made us reconsider our velocity from this point onwards.
- We cleaned up the GitHub repository so that everything is not being pushed into the master branch anymore. We have made a release branch to act as our master, this makes sure that the master is not cluttered. However, this does mean that there are many useless commits in all branches due to this “cleansing ceremony”.
- We split up into three groups of two to cover more ground, this was better than doing tasks individually as it meant that we could keep better track of what everyone was doing.
- We have setup a database backend with generalized functions to call database items, this shall make the next sprint much easier as most of the leg work is already done.
- We stuck to our strengths; therefore no one was stuck with something they were unable to handle. And if something did come up, we were always ready to help each other.

## Output:

- Get rid of waste: This will be us making sure we get into the process of working as soon as possible instead of lingering about doing zero to nothing.
- We would look at the backlog and pull items out the column to work on instead of waiting for person x to finish their task so person y can do their part.
- Lower the velocity and not base it on the number of working hours we got in the sprint. So, making it something like 20 (not hours but just “points”) instead of 28 hours like we had previously. This should hopefully help us better organize the sprints.
- We cleaned up the GitHub repository and now we plan to keep it clean to increase our workflow, got someone to monitor that everyone is putting items in the correct areas.
- We are working on making our pair programming more efficient, this is being done by being more open about our feelings and respecting each other but also thinking if tasks even require a pair programming duo.