**Project Scrumbag:**

Import the DSU/Sprint planning/Review&Retro files into an SQL database and make rapports via PowerBI.

Right now we’re keeping track of all things DSU in an Excel spreadsheet file, with certain inhibitions in regards to a few members who cannot access said file. The way we add new information / delete old information is by adding/deleting rows in the file. We’ve concluded that there’s plenty of room for improvement – for automation, visualization and managing the file.

We’ve established the following resources as necessary for this project:

* **GitHub** (look at *classroom* – collaboration)
* **PowerBI** (Visualization)
* **SQL (My/Postgres)** (Database)
* **Webdev** (Framework / Visualization)
* [**Powershell** (Automation)]

*The reason we picked these applications/ways of working is as follows*;

Github is the main code-collaboration platform for working in a team environment, and it provides us with one free webpage (front- and backend) which is hosted for free on github. We’ll have a look at the option of making a ‘classroom’ to invite everyone individually, so everyone can fork the repository and work on the project individually as well.

The reason we’ve picked PowerBI is for visualization’s sake. PowerBI lets us create accessible graphics for seeing what we did each day/ every sprint. PowerBI is capable of connecting to the database and making reports based on the information that is put in said database.

SQL for the database 🡪 MySQL

Web development done in Springboot with necessary HTML/CSS attributes. This will function as the glue that holds everything together in a neat manner. This works well in conjunction with people have got assigned the deep dive Java.

At later stages of this project we could consider automation, using either one of the Power-apps, or Java or Python.

**Main focus:**

The main focus point for this project is collaboration within the scrum team – start working in an actual Agile manner instead of the pseudo Scrum method we use within Calco.

What to do:

* Decide who’s going to do what – SM, PO, etc.
* Define baseline Definition of Done
* Set up a list of requirements per aspect of the project (Github, PowerBI)
* Set up User Stories
* Translate requirements into tickets
* Set up Product Backlog
* Prioritize the list of requirements
* Set up Sprint Backlog
* Start Sprint