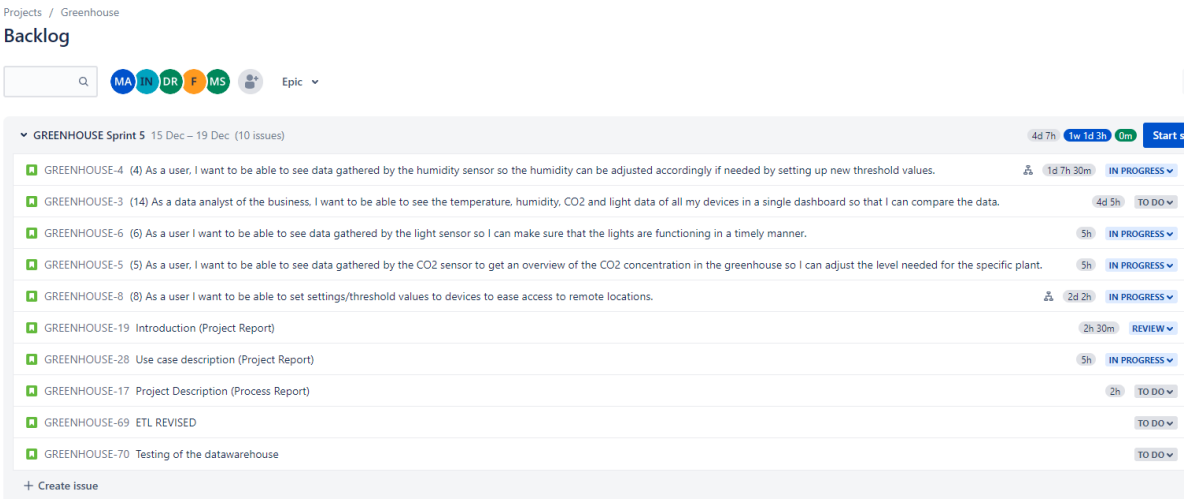
(8-Dec to 13-Dec)

Sprint Planning

TODO

1) (4) As a user, I want to be able to see data gathered by the humidity sensor so the humidity can be adjusted accordingly if needed by setting up new threshold values.
2) (14) As a data analyst of the business, I want to be able to see the temperature, humidity, CO2 and light data of all my devices in a single dashboard so that I can compare the data.
3) (6) As a user I want to be able to see data gathered by the light sensor so I can make sure that the lights are functioning in a timely manner.
4) (5) As a user, I want to be able to see data gathered by the CO2 sensor to get an overview of the CO2 concentration in the greenhouse so I can adjust the level needed for the specific plant.
5) (8) As a user I want to be able to set settings/threshold values to devices to ease access to remote locations.

What has not been finished, brought to next Sprint



Sprint Review

Data
IoT
Android

1) ETL load for stage and edw
2) Dimensional modelling improvements
3) Star Schema UML
4) Star Schema ER
5) Source target mapping

6) ETL revised for type 2 change (Add a new device and measurement, delete a device)
7) Dimensional modelling documentation for project report
8) Test cases for Monitor data
9) Use case description for monitoring data and filter data
10) Endpoint for setting threshold values
11) Sequence diagram for monitor data for monitor and filter data
12) Package diagram
13) Report Structure Data Engineering Design
14) Report Structure Data Engineering Implementation
15) Use case diagram improvements
16) Updated class diagram
17) Insert data sample from Knud Erik
18) Process report group description
19) Process report start on project idea
20) Process report start on Scrum and UP section for documentation

1. Local database started
2. Class diagram updated
3. Package diagram updated
4. Sequence diagram for setting up device
5. Sequence diagram for setting the threshold values
6. Settings page created
7. Add page started
8. API updated with specific device id.
9. Devices page updated.
10. Device page updated.

1. Retrieve actual data from humidity and temperature sensors
2. Retrieve actual data from Co2 and light sensors
3. Use case descriptions (Project rapport)
4. The configuration “class” to contain the settings/threshold values

Sprint Retrospective

What went well?

- Problem solving
- Identifying the problems
- Working together

What to improve?

- Better communication between the specialisations
- People to be more open when there is a problem