

Sprint 1

Date	06.04.2022
Status	Incomplete
Attendees	Adrian, Adriana, Agostina, Georgiana, Vlad, Khaled, Luis, Morten, Stefania, Tabita, Tomas
What was done	<p>The Android team worked mainly on views, the issues that were encountered were the fact that there is no connection to the api, therefore data was mocked.</p> <p>The Data Engineering team made the conceptual and logical designs, and the star schemas for the data warehouse. The web service was implemented with endpoints for the scoped requirements. A connection to the database was also included. The dummy data and scripts for the ETL process were also created.</p> <p>IoT started discussing how the general code structure could look like. Additionally, the IoT team created black box tests and use case descriptions for "Manage areas" and "Manage devices" use cases</p>

Sprint 2

Date	04.05.2022
Status	Incomplete Requirements #1, #3, #42 are complete
Attendees	Adrian, Adriana, Agostina, Georgiana, Vlad, Khaled, Luis, Morten, Stefania, Tomas
What was done	<p>As a whole team: finish the implementation of proof of concept.</p> <p>The Android team managed to successfully consume the endpoints regarding temperature and humidity such that data is displayed. (Requirements 1 and 3) Also validation for login, register and add area was implemented (Requirement 6, 5, 42)</p> <p>The DAI team is retrieving data from through the gateway application and is successfully adding it to the database, retrieving it and sending it through a REST API</p> <p>The IoT team successfully started measuring humidity & temperature data related to requirement 1 & 3 and also set up the devices to connect to the LoRaWAN network and send the data to the gateway application</p>

Sprint 3

Date	19/05/2022
Status	Incomplete
Attendees	Adriana, Agostina, George, Georgiana, Vlad, Luis, Morten, Stefania, Tabita
What was done	<p>The Android team finished the implementation for the requirements: 2, 4, 5, 6, 8, 10, 11, 14, 12, 13, 33, 36, 41</p> <p>The DAI team implemented endpoints for retrieving latest and historical data for all measurement types, implemented a scheduler for the data warehouse incremental load, designed visualisations for historical data for humidity and temperature and wrote documentation.</p> <p>The IoT team implemented user story 2 and 4 and spent a lot of time attempting to create google tests for user story 1 but to no avail</p>

Sprint 4

Date	24/05/2022
Status	Incomplete
Attendees	Adrian, Adriana, Agostina, George, Vlad, Khaled, Luis, Morten, Stefania, Tabita, Tomas
What was done	<p>User story 25 has been removed and merged with 15, 16 and 17. User stories:45, 46, 47, 48 were added in the Product Backlog and chosen in the current sprint. User stories 49, 50, 51, 52 were added to the Product Backlog and completed.</p> <p>The Android team focused on the “Manage environment” and “Manage personal profile” use cases as well as user friendly implementation.</p> <p>The DAI team implemented endpoints for retrieving threshold data and threshold logs, edit user, delete area. Additionally the incremental load for the data warehouse was refactored and worked on sending data to the hardware device.</p> <p>The IoT team added functionality for the servo to open and close the window if a measured temperature exceeds the thresholds set. The device also accepts changes to thresholds from the data team.</p>

	User stories 7, 9, 15, 16, 17, 18, 19, 20, 21, 22, 31, 34, 43, 45, 46, 47, 48, 49, 50, 51, 52 are considered complete
--	---

Sprint 5

Date	27/05/2022
Status	Incomplete
Attendees	Adrian, Adriana, Agostina, George, Georgiana, Vlad, Luis, Morten, Stefania, Tabita
What was done	<p>IoT finished the Google tests, finished testing user story 23 and 24 regarding functionality for the servo to open and close the window. Additionally, the code was refactored and unused imports and printouts used for debugging purposes were removed.</p> <p>Android Team finished the onboarding for the application, plus the notifications. Some styling was added to the profile views. Loading data in the Room database.</p> <p>DAI refactored the implementation for user stories 19 - 22 and implemented functionality for 53. Refactored the data warehouse incremental loading and continued to document the project. Tests for the data warehouse were performed.</p> <p>User stories 23, 24, 27, 28, 29, 30 are considered complete</p>

Sprint 6

Date	01/06/2022
Status	Complete
Attendees	Adrian, Adriana, Agostina, George, Georgiana, Vlad, Khaled, Morten, Stefania, Tabita, Tomas
What was done	<p>IoT team worked on documentation of the project and process report</p> <p>Android Team finished the notification and removal of local storage implementation (settings). Sequence diagrams, class diagrams and user guide were completed. Documentation was the main focus</p> <p>DAI team finished working on documentation and refactored validations and test tables.</p>