

The website gives TAMK's laboratory a comprehensive system which effectively monitors and transmits live data from different robotics



Requirements

Functional Requirements

- 1) The system will allow users to choose which devices are shown on map.
- 2) The system will allow users to select devices from a map.
- 3) The system will allow users to add graphs of an attribute to the compare window.

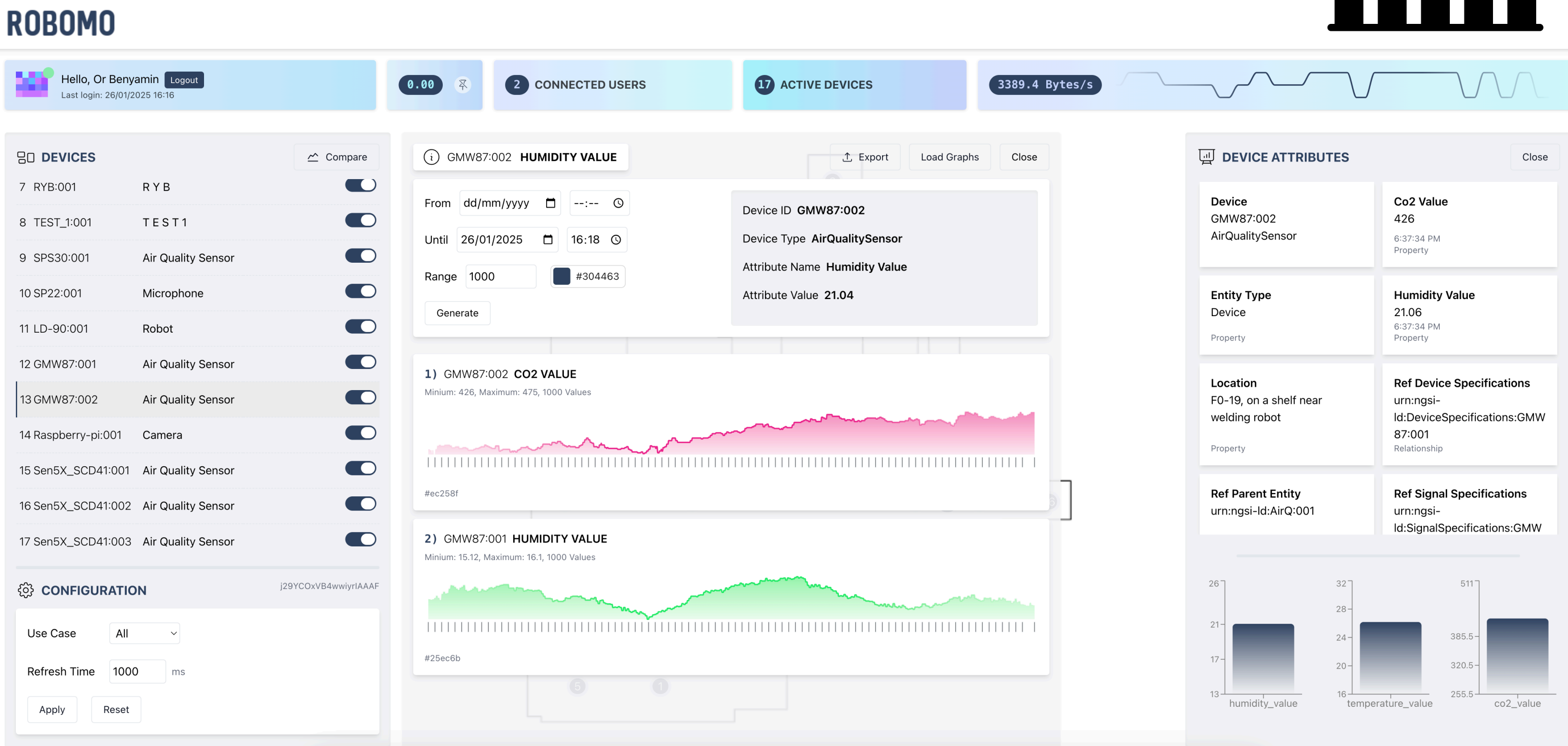
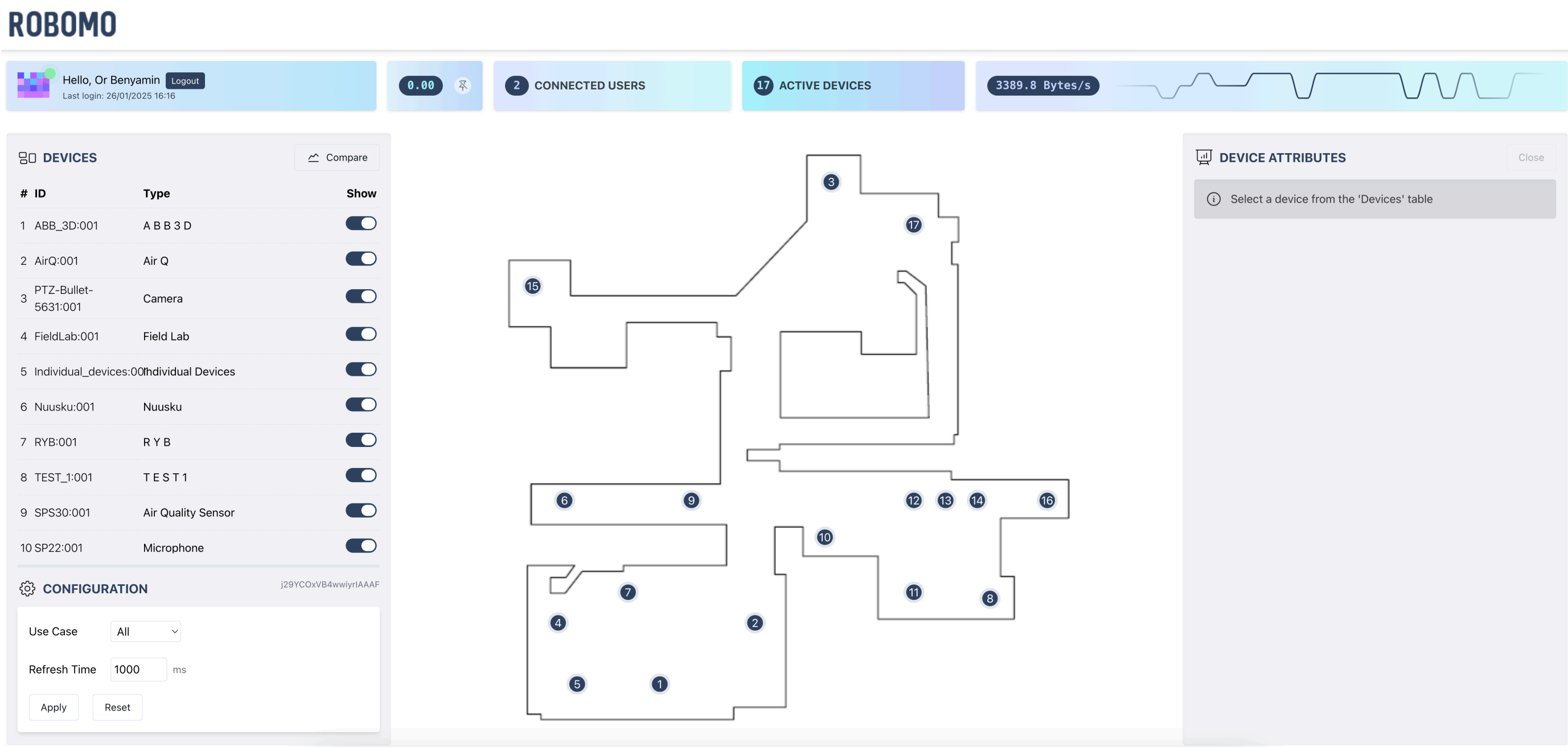
Non-Functional Requirements

- 1) **Performance:** The system should process and display search results, filtering and sorting operations within 1 seconds.
- 2) **Adaptability:** The site should be mobile friendly (WCAG 2.2, Web Content Accessibility Guidelines 2.2 - 2023).
- 3) **Efficiency:** The site should be lightweight.

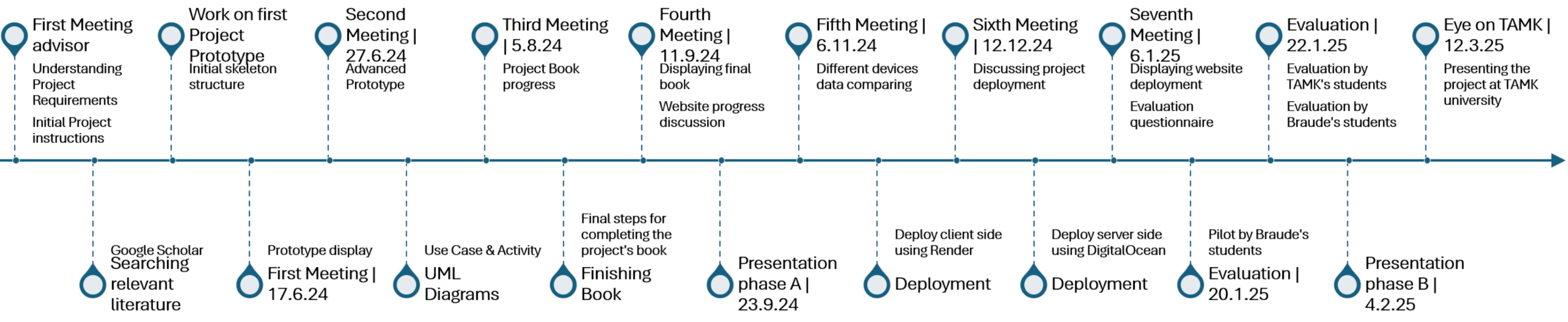
Data Flow



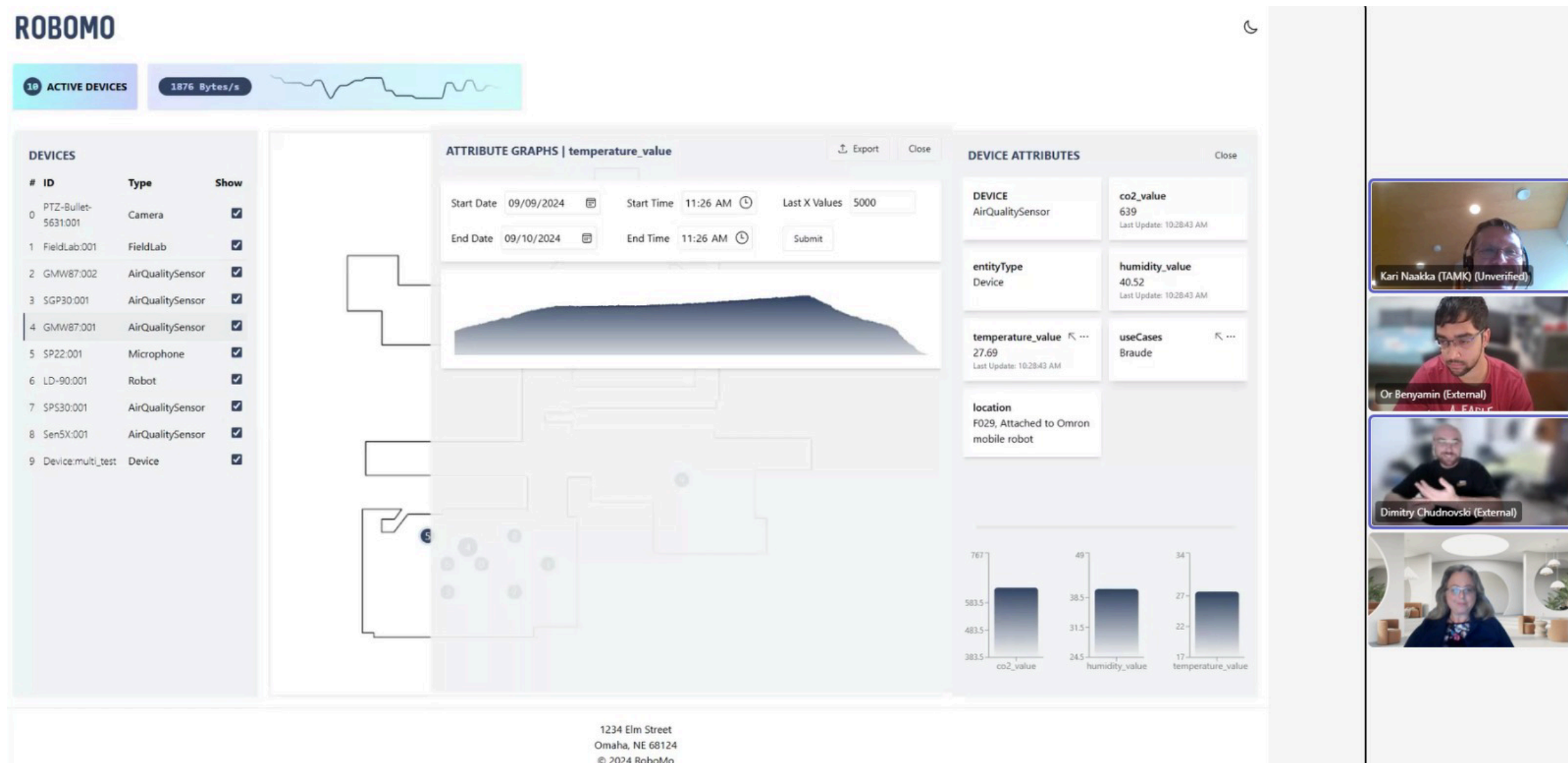
Screenshots



Workflow



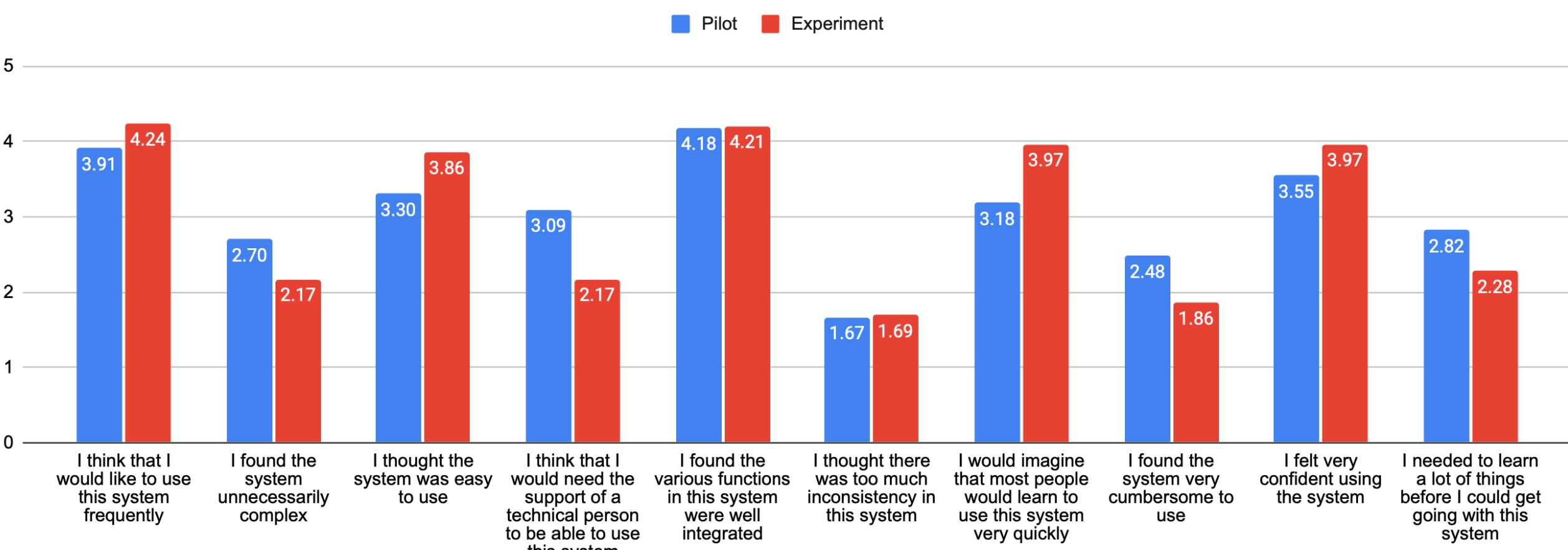
Meetings



Evaluation



- **SUS Score: 75**
- **Praised Features:** Very informative system, wise UI and animations design
- **Suggested Improvements:** Initial tutorial page, Search bar for devices, Small explanations in different parts



Architecture

