

Date: November 19, 2024

Team5

SPRINT 2

Team 5: Minutes of Sprint 2

Date: November 19th, 2024

Time: 4:00 PM

Location: Boulevard du Triomphe 1 accès 2, Building HA, CP 220/01 - 1050 Brussels

Project: SmartHome IoT Hub

Attendees:

- Alain Michel NITUNGA (Note taker)
- Elie Kheirallah
- Farouk Ait Oujkal
- Jamal Assou
- Mrs. TEMERBEK
- Mr. FARAH
- Mr. LEMNIAI

Absent:

- Leo Calvo Castano
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Agenda

1. Key Milestones and Achievements
 2. Feedback from the Client
 3. Challenges and Risks Identified
 4. Next Steps and Final Deliverables
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1. Key Milestones and Achievements

Authentication Integration: Successfully connected the Angular web app with MongoDB for user authentication.

Frontend Progress:

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- Designed and implemented a landing page.
- Added an interactive data input form with dynamic features.

Real-Time Communication: Implemented SignalR to handle live updates.

Live Demo: Conducted a live demonstration of the current state of the application.

2. Feedback from the Client

UI Evaluation:

- The client expressed concerns about the usability of the web application, emphasizing the need for better real-time feedback when users add data.
- Suggested improvements to ensure users see added homes immediately and allow dynamic field behavior (e.g., unhide "room" forms after a home is added).

Profile Page: Requested a feature to display details about the connected user on a dedicated profile page.

JSON Structure: Highlighted the importance of modifying the JSON structure to restrict users from seeing other users' data.

JWT Development: Confirmed that no further work on JWT implementation is needed.

3. Challenges and Risks Identified

Frontend Limitations: The current UI flow is not fully user-friendly; users cannot seamlessly navigate between adding homes and rooms.

Data Privacy: Ensuring the database modifications for user isolation do not disrupt existing functionality.

4. Next Steps and Final Deliverables

Frontend Enhancements:

- Redesign the UI for improved usability and clearer workflows.
- Implement required field indicators and dynamic form behavior.

Profile Page: Add a dedicated profile section to display connected user information.

Database Update: Update the JSON structure to ensure strict user isolation and prevent access to other users' data.

Next Sprint Review Meeting: Scheduled for December 10th, 2024.

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Closing Remarks

The client acknowledged the team's progress and encouraged continued focus on improving the user experience and addressing data privacy concerns.