AIAND – Weekly Catch-Up Meeting Notes

Date: 24th August 2025

Attendees

- Yash Kalra
- Vanshika Kaul
- Vivada Thanudarie Lokugamage
- Bonzi Bansal
- Agamveer Singh
- Ritika Maikap
- Tolani Ridmini Weerasighe Kandanpita Gamladdalage
- Hayes Duong
- Gokulakrishnan Saravanan
- Gurmannat Sandhu (joined briefly, left early)

Overview

The meeting focused on catching up on weekly progress across streams (ML, hardware, software, UI, and documentation) and discussing integration challenges. A large part of the conversation centered around dividing tasks for Sprint 2, ensuring contributions are consistent, and setting up clearer reporting processes to avoid the kind of gaps the team experienced recently.

Key Discussion Points

Machine Learning (ML)
- The ML team is moving forward with annotating 126 images. To make this manageable, the dataset will be divided among six people (~20 images each).
- Vivada will create a tutorial video to guide the annotation process.
- The aim is to integrate object detection with text-to-speech so that objects like tables or chairs can be detected and announced.
- Issues include HEIC file formats and device errors during training, which the team will manage.

Hardware Integration
- The hardware team explored using phone sensors (gyroscope, barometer, etc.) through the Physics Toolbox app.
- Bonzi scheduled a hardware-focused meeting to finalize sensor usage.
- Yash will also join hardware meetings to contribute integration ideas.

Software & UI
- Development continues in React JS / React Native.
- A Figma model is available, but more team participation is required to push UI forward.

- Agamveer, as software lead, will coordinate contributions and ensure progress.
- Reminder: UI development is time-consuming, so active contributions are needed.

Software Integration & Dockerization
- Ritika suggested Dockerization to containerize ML models and UI, ensuring compatibility.
- This will allow modules to run simultaneously without compatibility issues.
- Some concerns were raised about camera access and task flow, but Ritika will work with the UI team to trial integration using existing code.

Documentation & Reporting
- Documentation attendance was low; Gurmannat joined briefly.
- The team agreed on a new weekly reporting system:
  • Progress reports (team + individual) due every Saturday midnight.
  • Reports to be shared in the AIAND main channel.
- Documentation team must attend meetings regularly to avoid gaps.

🔸 Decisions Made

- ML dataset annotation split among team members with tutorial support.
- Hardware team to finalize sensors with Physics Toolbox app.
- Ritika to trial Dockerization for smoother integration.
- Stream leads to ensure weekly progress reports are submitted.
- Documentation team to attend meetings more consistently.

🔸 Action Items

Task	Owner	Timeline
Split image dataset & distribute	Yash Kalra	This week
Record video guide for annotation	Vivada	Before dataset distribution
Hardware sensor meeting & finalize plan	Bonzi Bansal (with Yash)	Next 2 days
Trial Dockerization with ML + UI code	Ritika (with Vanshika & Agamveer)	Ongoing
Update GitHub & Figma with UI work	Software team (lead: Agamveer)	Ongoing
Submit weekly team + individual progress reports	All stream leads	Every Saturday midnight

Documentation notes for this meeting	Gurmannat	By midnight / before noon

➕ Closing Remarks

The meeting wrapped up with a reminder that since the project is now in Week 7, active participation is crucial. Everyone is expected to contribute regularly to avoid redundancy and backlog. The new weekly reporting system should also help keep things transparent and aligned across streams.