RECOVERY TEAM PROGRESS REPORT

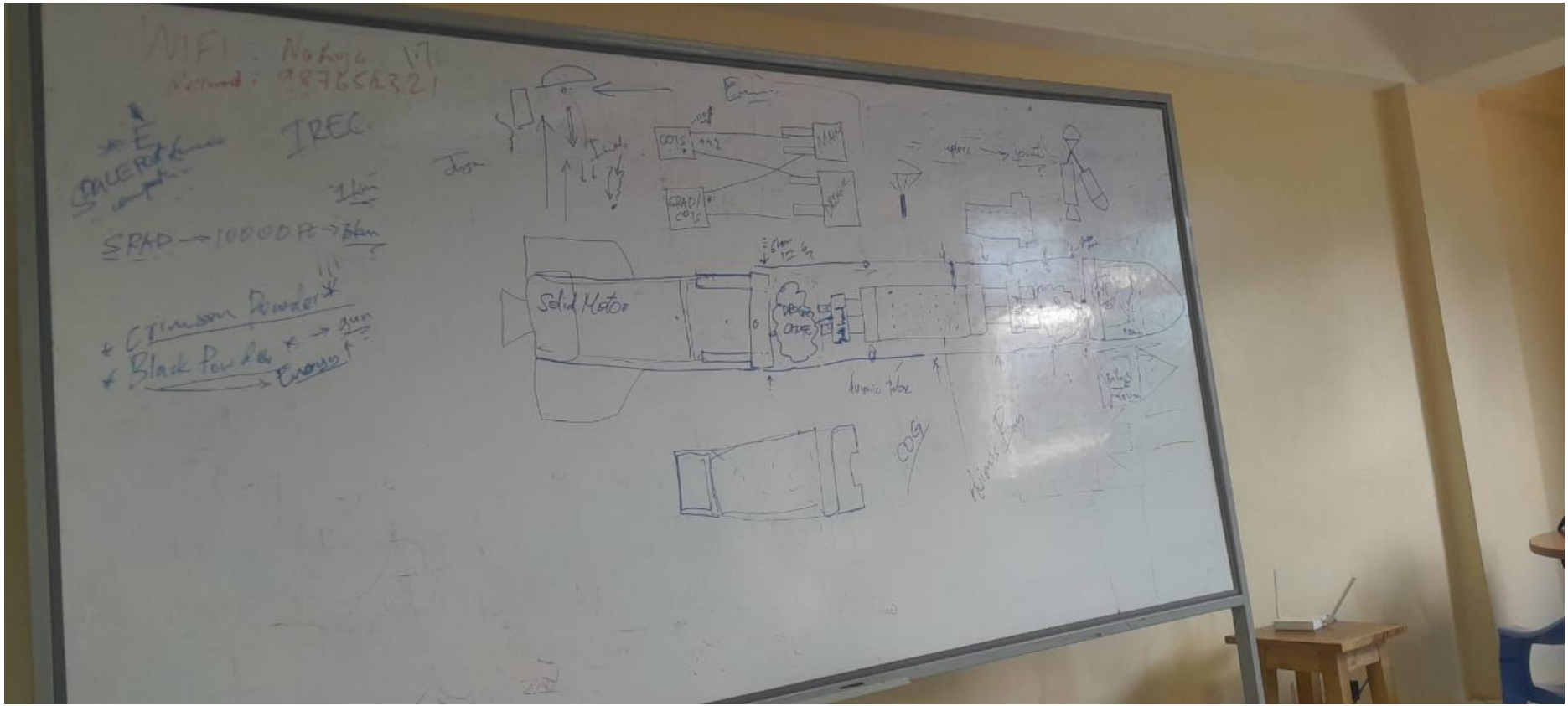
WEEK 1

Week 1 tasks

Orientation and Setup

- Orientation on available resources and project structure.
- Studied flight computer architecture and system components.
- Reviewed project documentation and previous team progress.
- Visualisation of parachute ejection mechanism.

Week 1 tasks (cont…)
: Overview of the avionics bay & flight computer



Week 1 tasks (cont…)

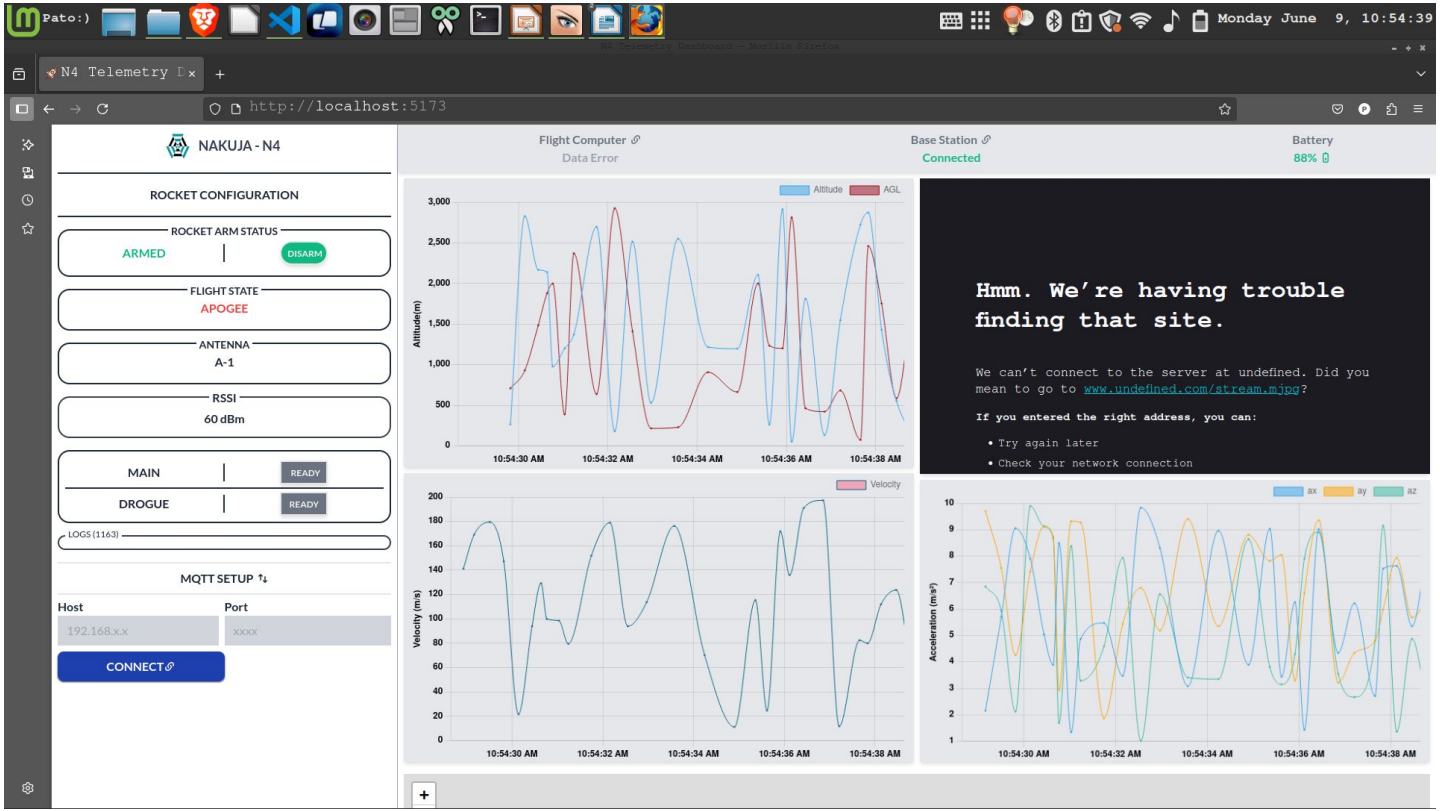
Repository Setup

- Cloned the **Base Station (BS)** and **Flight Computer (FC)** Git repositories.
- Reviewed and familiarized with the codebases for both BS and FC systems.

Testing and Debugging

- Tested the **Base Station** to confirm operational integrity.

Base station data telemetry



Week 1 tasks

Planning and Task Definition

- Defined and outlined tasks and deliverables for the 12-week period.
- The tasks were split based on the following key subsystems: **Avionics**, **Telemetry**, and **Parachute**.
- Assigned and distributed tasks among the teams based on specialties and priorities.

THIS WEEKS TASKS

- Develop Gantt chart for the 12 weeks
- Start parachute ejection logic validation
- Verify and ensure successful communication between FC and BS.
- Set up Pi video stream to base station
- Begin SD card logging of telemetry & video
- Test all FC boards
- Creating a Camera and the Raspberry Pi casing