

## **Week of 01/20/25 - Week 2:**

### **Team Level Progress:**

- Build V1 took place, identified many issues including
  - Chassis has stripped screws.
  - Missing a couple of xy boards.
  - Threaded spacers might be bad, let's get non threaded spacers.
- We learned how to make Branches and add things to GitHub!
- We will be ready for Deep Dive next week.

### **Individual Progress:**

- Crystal Scott -
  - Assembled a mock CubeSat prototype in the lab
  - Identified assembly errors and important considerations to improve future build times
  - Closed issue - ordered spacers
  - In process of designing finalized reaction wheel mount for 2.5 in HDD
- Liz Zhang -
  - Researched torque specifications for assembly
  - In process of finalizing full CAD assembly with all hardware
  - In process of figuring out TVAC test procedure
- Eric Grynberg -
  - Helped assemble cubesat and identified errors
  - Updated heat sink CAD + thermal straps.
  - Entered Quote in PCB Way for Hinges - TBD
  - Onboarded Keerthi to the project.
- Clara Devaux
  - Assisted assembling cubesat and identifying issues
  - Reading about vibe test procedure and mount
- Kiera Boucher
  - Assisted with prototype assembly
  - Determined how to use helical insert and break off tools
  - Restarted vibe test research to create a mounting attachment for 1u
- Keerthi Koganti -
  - Familiarized myself with the team and project
  - Took documentation for build process of first built of cubesat