Spacecraft Design-Build-Fly Lab

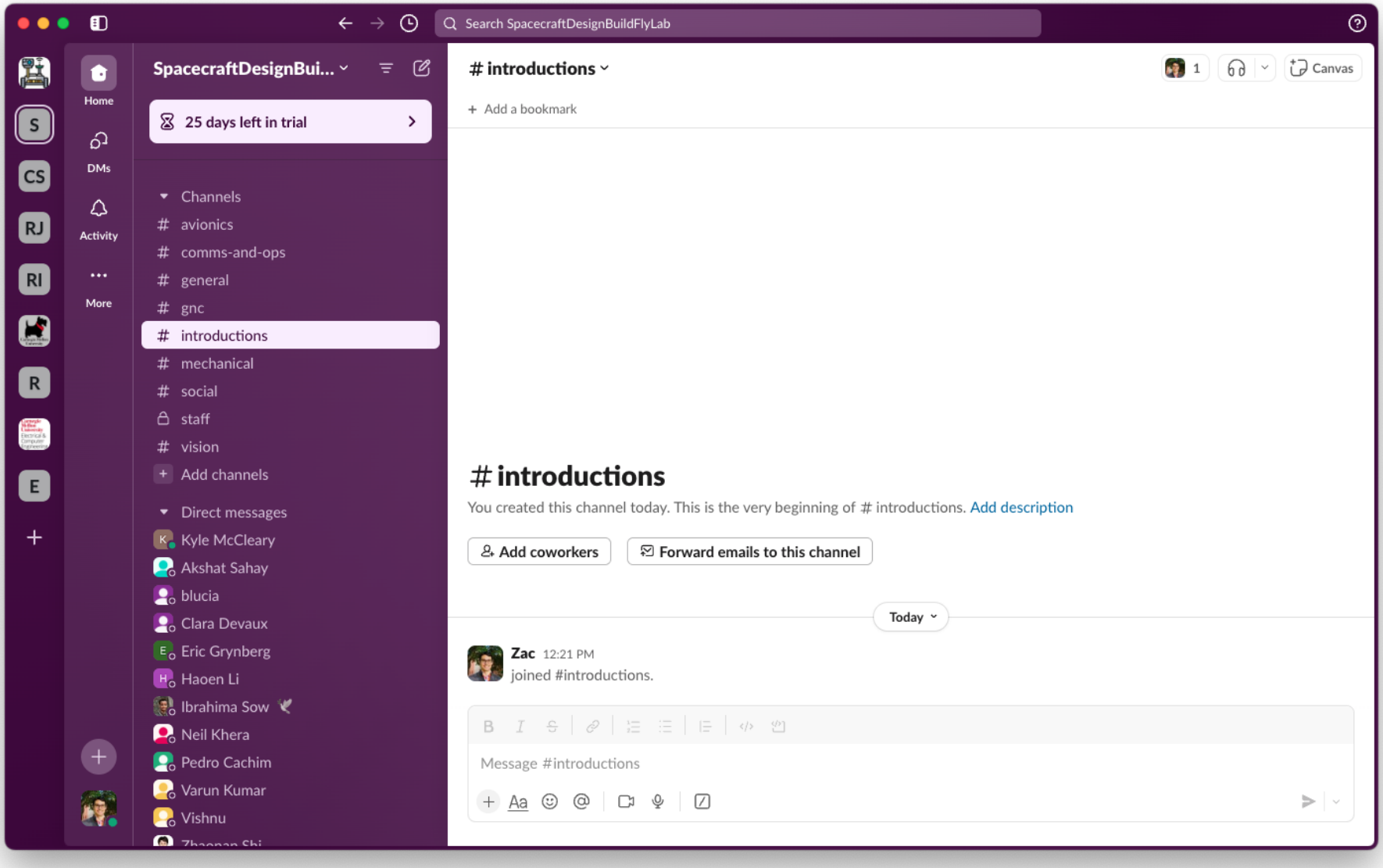
16/18-873

Fall 2023 – Spring 2024

First Assignment

1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.

First Assignment

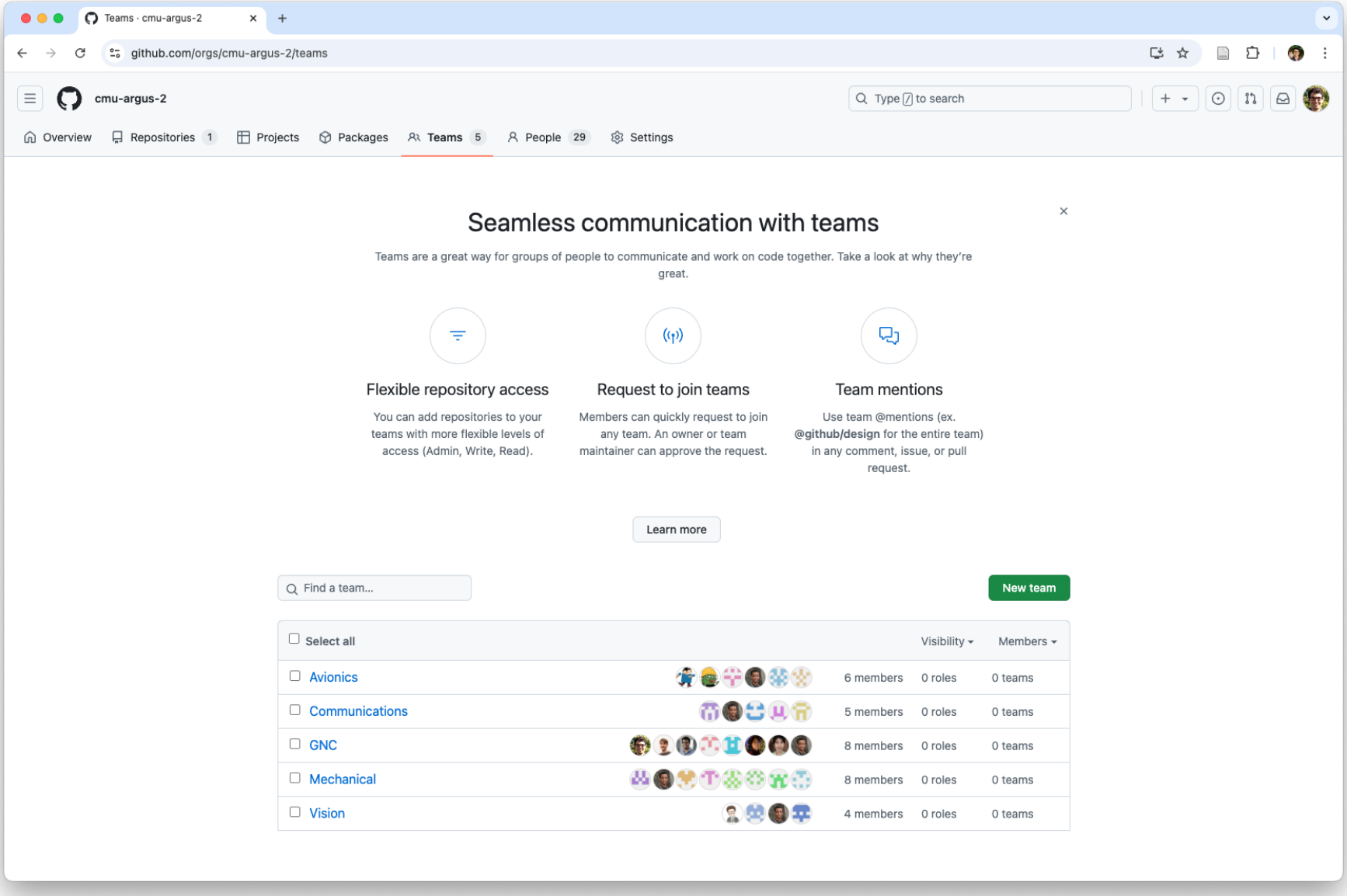


First Assignment

1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.

2. Make sure you are a member of the GitHub organization "cmu-argus-2" and your team.

First Assignment



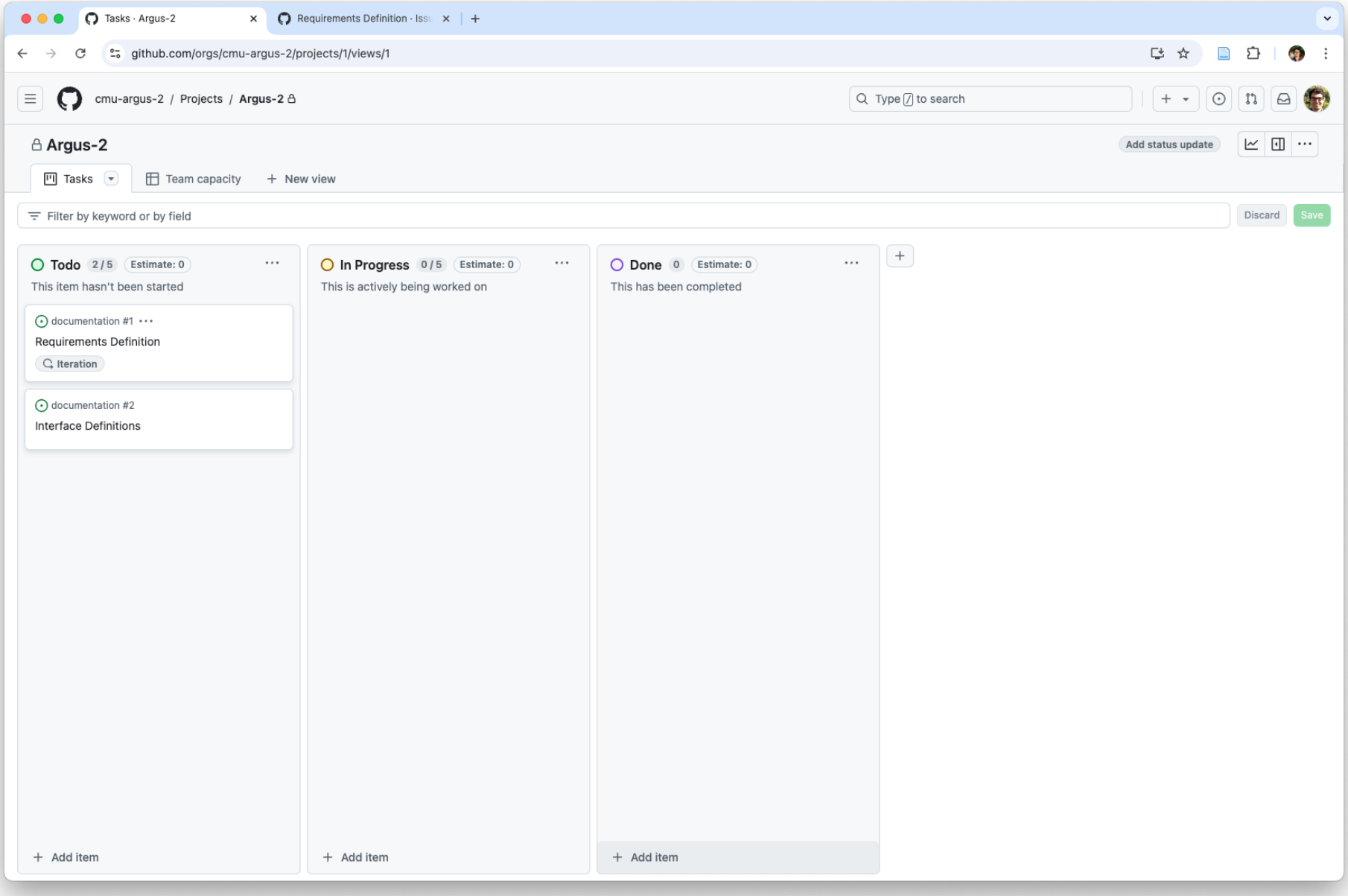
First Assignment

1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.

2. Make sure you are a member of the GitHub organization "cmu-argus-2" and your team.

3. Take a look at the issues on the Kanban.

First Assignment



First Assignment

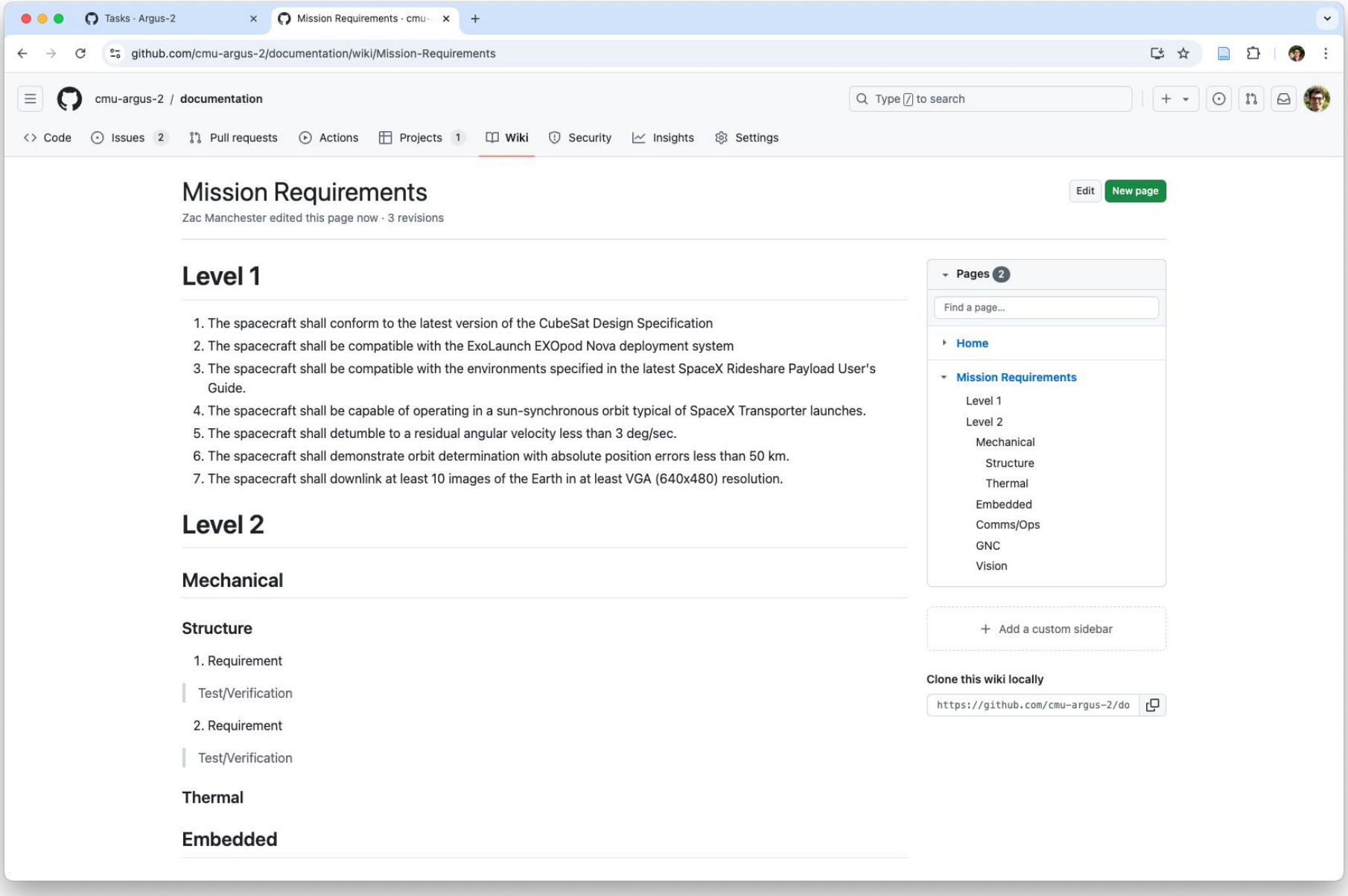
1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.

2. Make sure you are a member of the GitHub organization "cmu-argus-2" and your team.

3. Take a look at the issues on the Kanban.

4. Each team has to define their level 2 requirements and propose a test to verify that each requirement is satisfied.

First Assignment



First Assignment

1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.

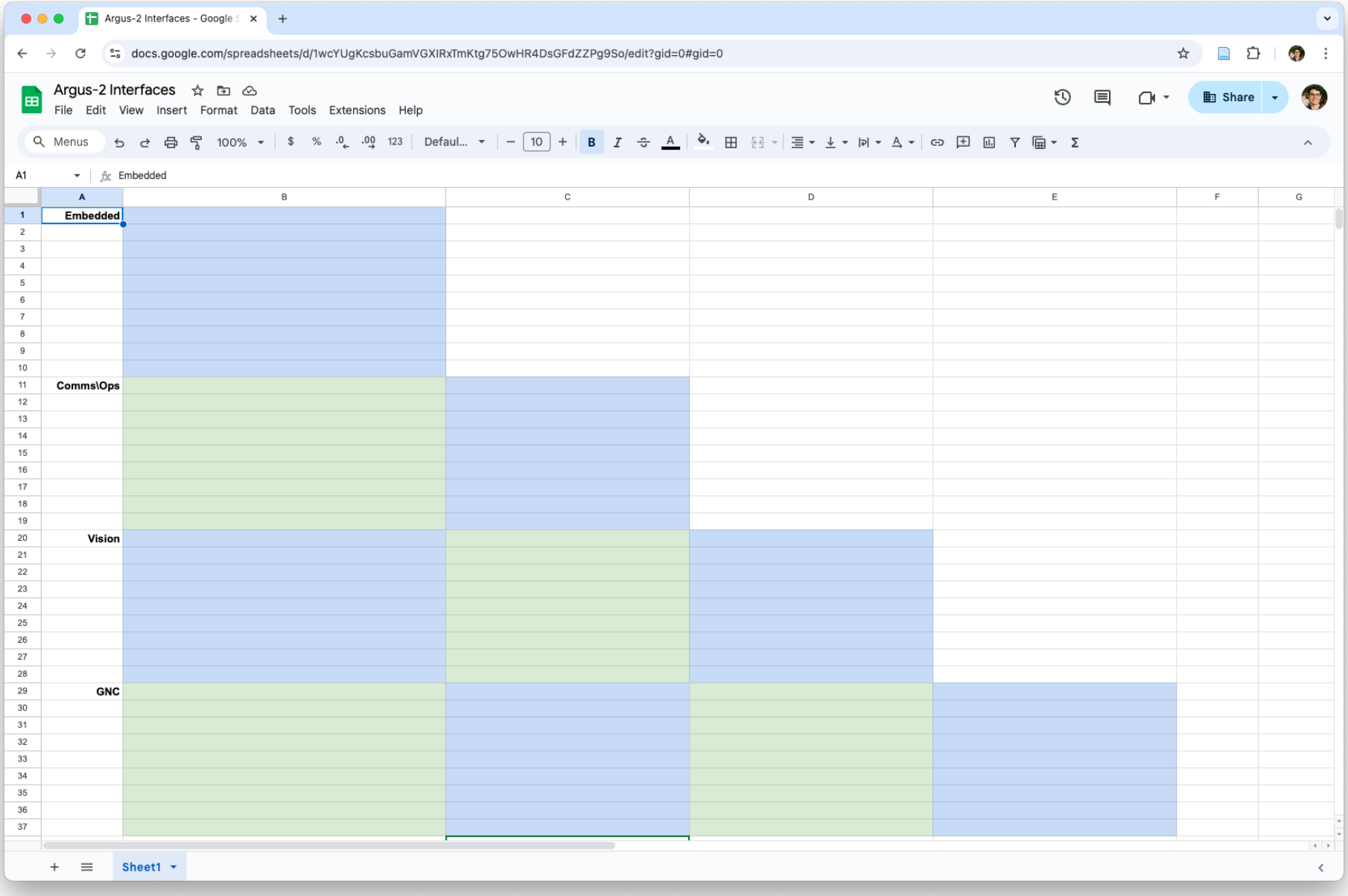
2. Make sure you are a member of the GitHub organization "cmu-argus-2" and your team.

3. Take a look at the issues on the Kanban.

4. Each team has to define their level 2 requirements and propose a test to verify that each requirement is satisfied.

5. Each team has to define their interfaces with every other team. Try to think of all hardware and/or software interactions.

First Assignment



First Assignment

1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.
2. Make sure you are a member of the GitHub organization "cmu-argus-2" and your team.
3. Take a look at the issues on the Kanban.
4. Each team has to define their level 2 requirements and propose a test to verify that each requirement is satisfied.
5. Each team has to define their interfaces with every other team. Try to think of all hardware and/or software interactions.
6. Everyone must make at least one git commit.

First Assignment

1. Make sure you've joined the course Slack (argus-2.slack.com) and briefly introduce yourself in the #introductions channel.
2. Make sure you are a member of the GitHub organization "cmu-argus-2" and your team.
3. Take a look at the issues on the Kanban.
4. Each team has to define their level 2 requirements and propose a test to verify that each requirement is satisfied.
5. Each team has to define their interfaces with every other team. Try to think of all hardware and/or software interactions.
6. Everyone must make at least one git commit.
7. Each team will present their requirements and interfaces next Wednesday.

Weekly Quad Chart

Concrete update *with images / figures w/ caption*?

What are your team's blockers, and which tasks are those blockers associated with?

What are your (new) tech requirements? What tools/software/etc do you need access to?

What were the major milestones achieved?

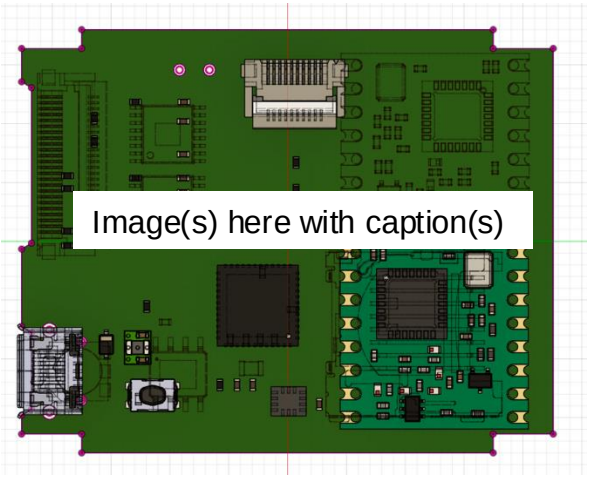
What are you doing this week, as concretely as possible and which milestones are those tasks attached to.

Is everything on schedule?

What are the cross-team issues and interfaces that require communication between your team and other teams?

What is your plan and timeline for communicating and merging your teams' plans?

Team Name - Week



Blockers

- No access to Pittsburgh Supercomputing Center for ML training
- Can't make camera work with test driver
- Two teammembers out of town for 5 days

Requirements

- Need login information for PSC ML training cluster
- Need Ansys thermal modeling tool for chassis thermal evaluation

Weekly Results

What you did

Things that worked, things that didn't

Next Week

What's next on your plate?

Updated Key Milestones (past + present)

Milestone #1	MM/YY
Milestone #2	MM/YY
Milestone #3	MM/YY
Milestone #4	MM/YY
etc	

Interfaces

Other Team 1

- None

Other Team 2

- Antenna placement
- Battery testing

Other Team 3

- Integration of sensor calibrations into software

Other Team 4

- Need magnetic moment values for sim