

EE/CprE/SE 491 WEEKLY REPORT

9/26/2024 – 10/2/24

Group number: 9

Project title: Space Cyclones - COSMIC CAPSTONE CHALLENGE 2024-2025

Client &/Advisor: Bo Varga, Benjamin Rupp, Rachel Shannon

Team Members/Role: John Beuter (Team Lead), Daniel Sprout, Maheeka Davarakonda, Tanvi Mehetre, Riley Heeren, Ben Swegle

○ **Weekly Summary**

Week Objectives:

Narrowed down our ideas to 1-2 final ideas and created a presentation for our industry mentor. Combining the sketch note ideas we made in the previous week, we can solidify 1-2 ideas for our project and present our ideas for constructive feedback.

○ **Past week accomplishments**

• John Beuter:

Outlined meeting agenda for Sunday, contacted Bo and shared design ideas, created slide deck to be used for weekly meetings.

• Daniel Sprout:

Redid Sketchnote for better clarity, more market research

• Maheeka Devarakonda:

Spent time reading the book, creating gantt chart, researching, talking to NASA employee.

• Tanvi Mehetre:

Spent time researching more about ISAM and reading research papers.

• Riley Heeren:

Brain storming ideas and improvements for our ideas for the ISAM competition.

• Ben Swegle:

Researched more ISAM ideas.

○ **Pending issues**

• John Beuter: N/A

• Daniel Sprout: N/A

• Maheeka Davarakonda: N/A

• Tanvi Mehetre: N/A

• Riley Heeren: N/A

• Ben Swegle: N/A

- **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
John Beuter	Created slide deck for future weekly meetings. Organized materials for meetings and communicated deadlines to industry and faculty advisors.	1	3.5
Daniel Sprout	Redid my Sketchnotes for better clarity More ISAM research	2	6
Maheeka Davarakonda	Spent time reading the book, creating gantt chart, researching,	3.5	10.5
Tanvi Mehetre	Spent time researching more about ISAM and reading research papers.	1	5
Riley Heeren	Brain storming ideas and improvements for our ideas for the ISAM competition.	2	4
Ben Swegle	Revised sketchnotes and researched more ISAM ideas.	1	4

- **Plans for the upcoming week:**

Utilize advice from Bo and continue to solidify our final design idea.

- **Summary of weekly advisor meeting**

Discussion of timeline and other deliverables, including presentation to Bo, Gantt chart, etc. Expectations were set regarding the next industry mentor meeting.