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Title

2025 UCI CanSat Annual Design Review Poster

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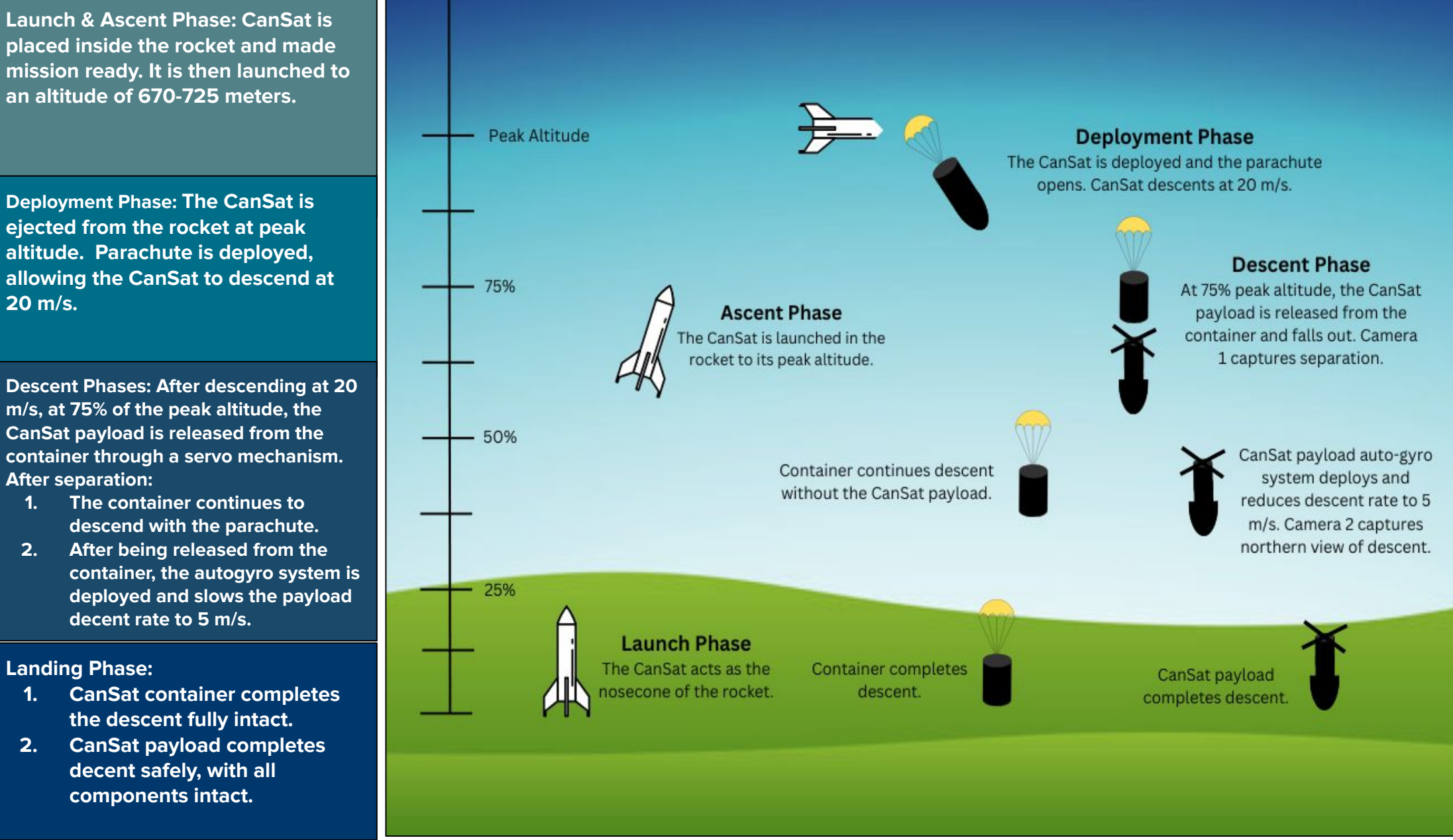
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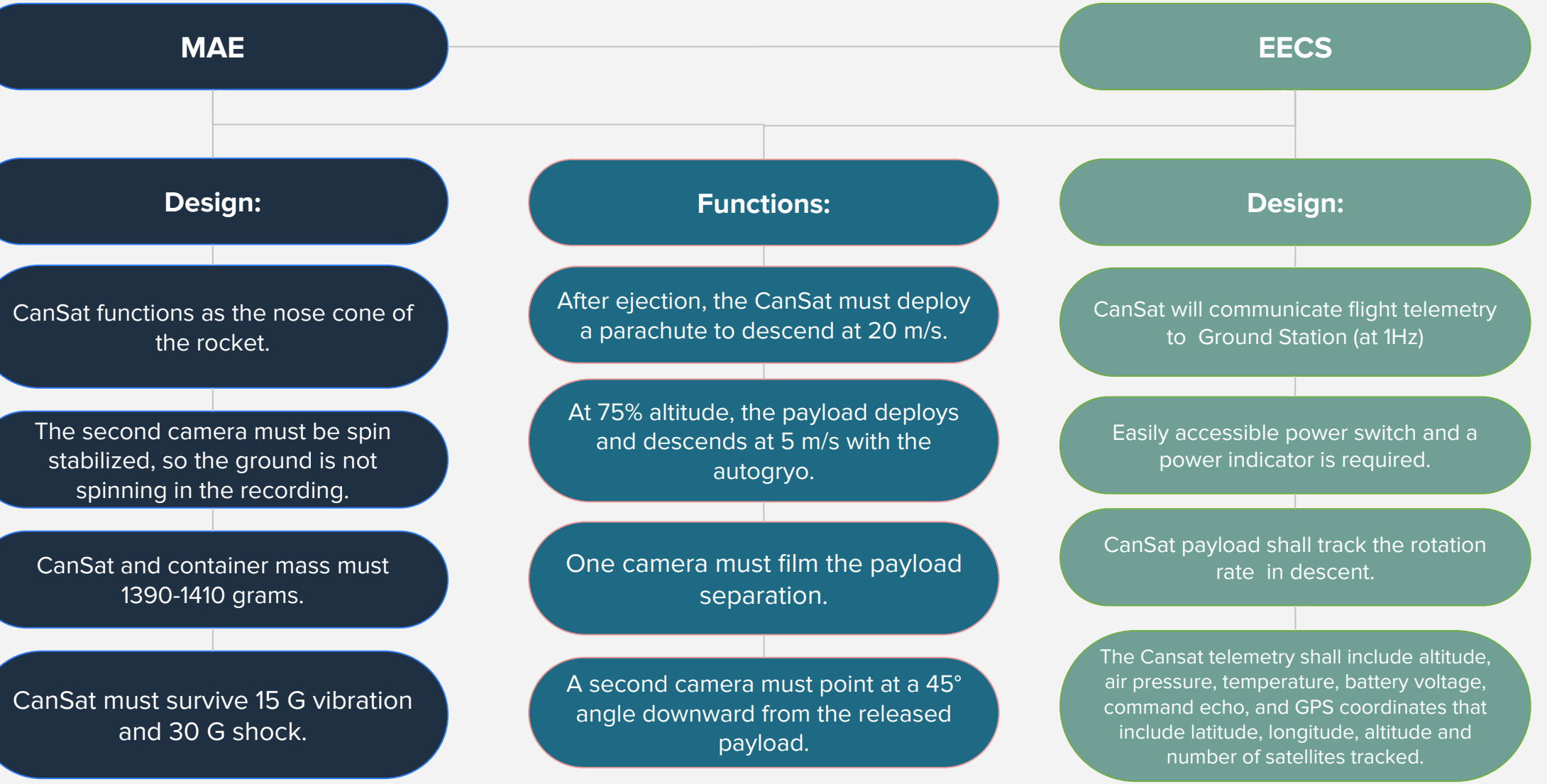
Peer reviewed



MISSION SUMMARY



OBJECTIVE TREE

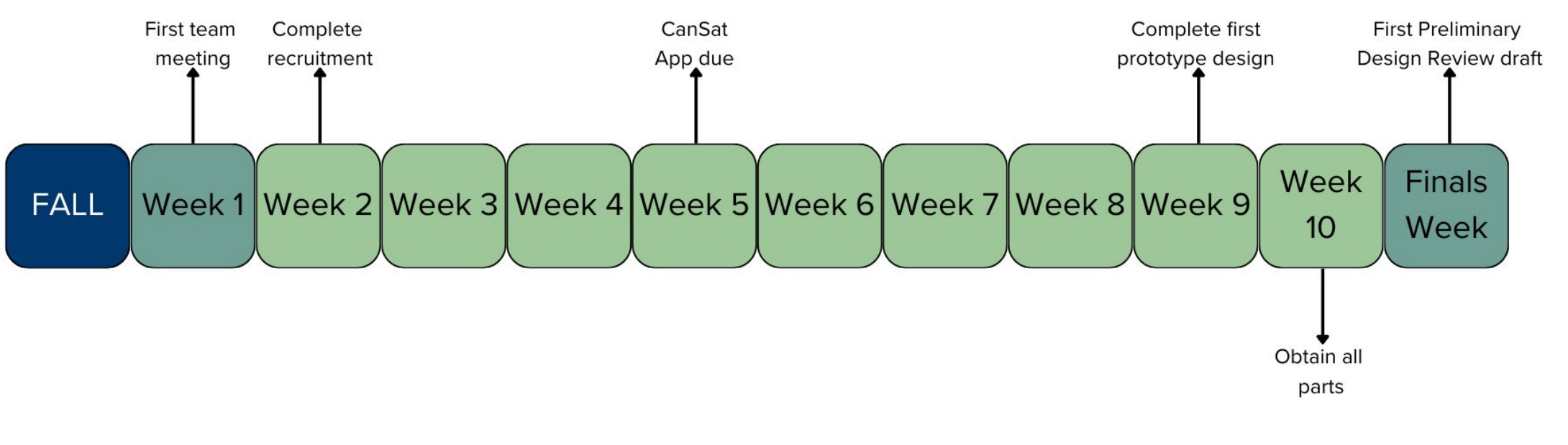


ACKNOWLEDGEMENTS

Special thanks to **Dr. Roger Rangel**, **Dr. Sherif Hassaan**, and **Blue Origin** for making this project possible.



TIMELINE

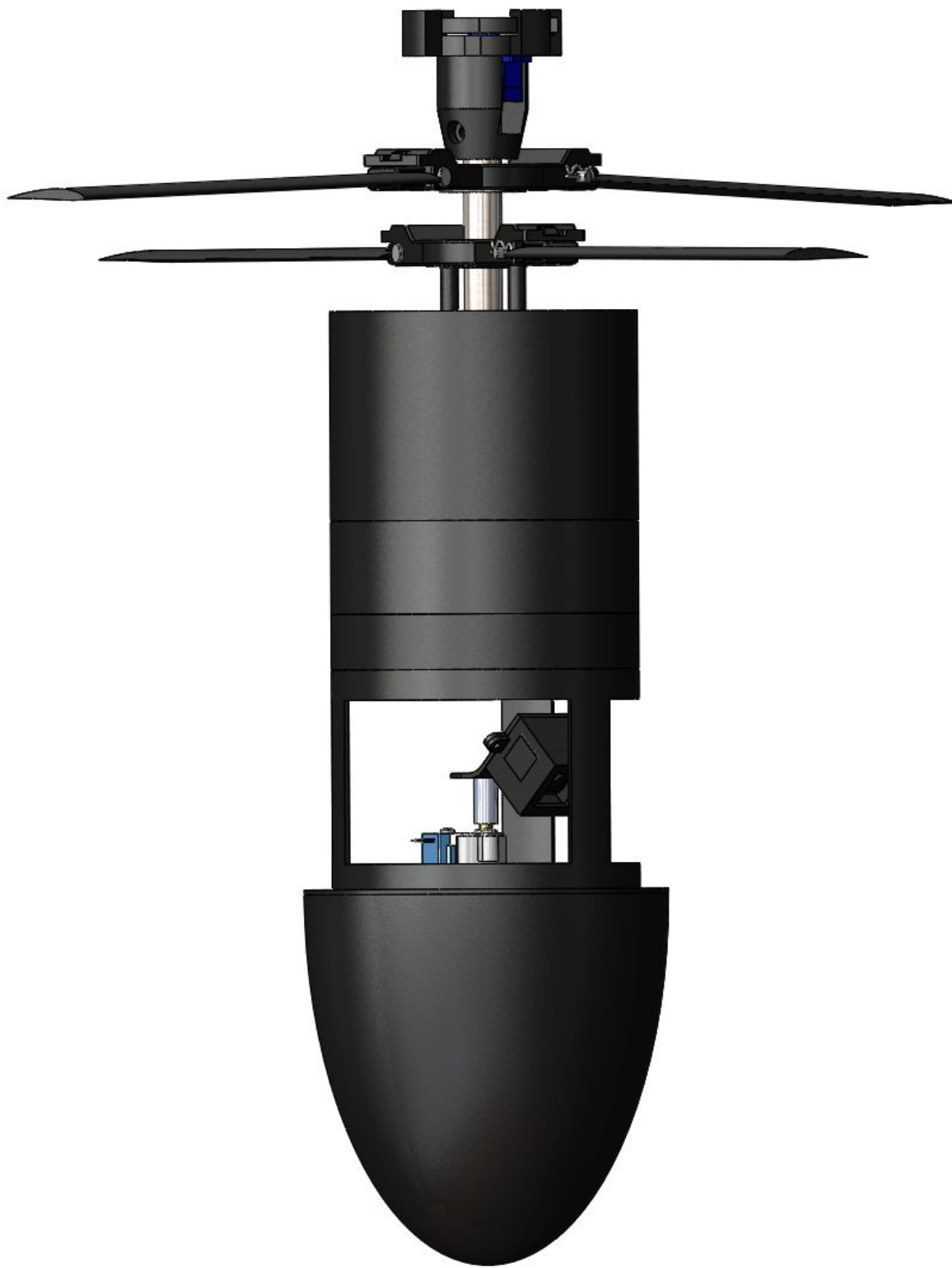


DESIGN

CanSat Restrained



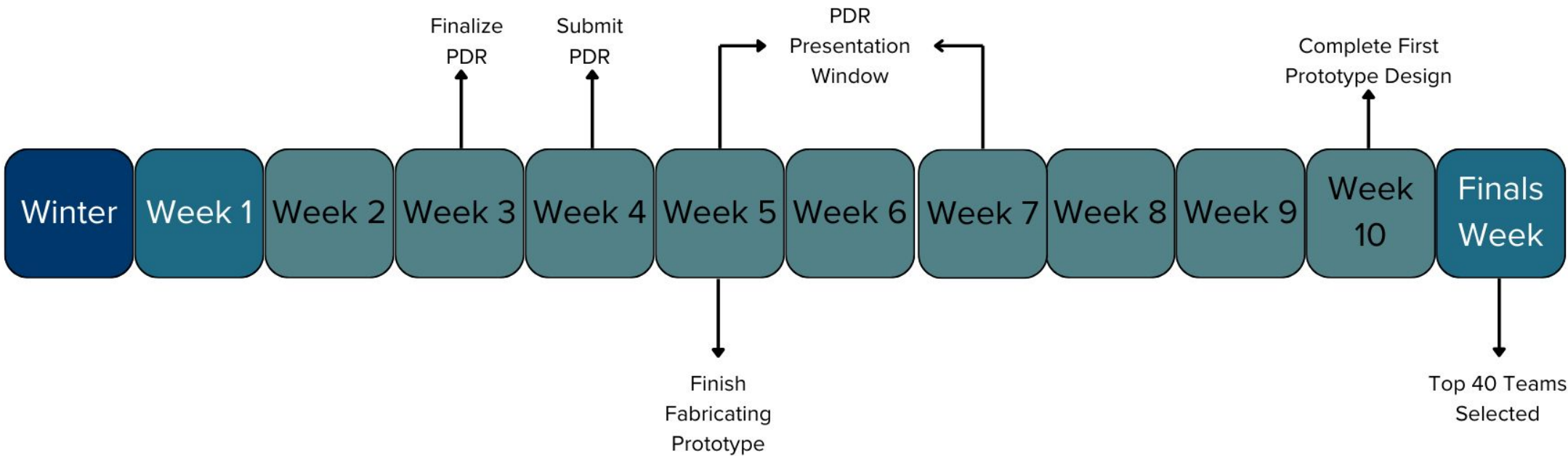
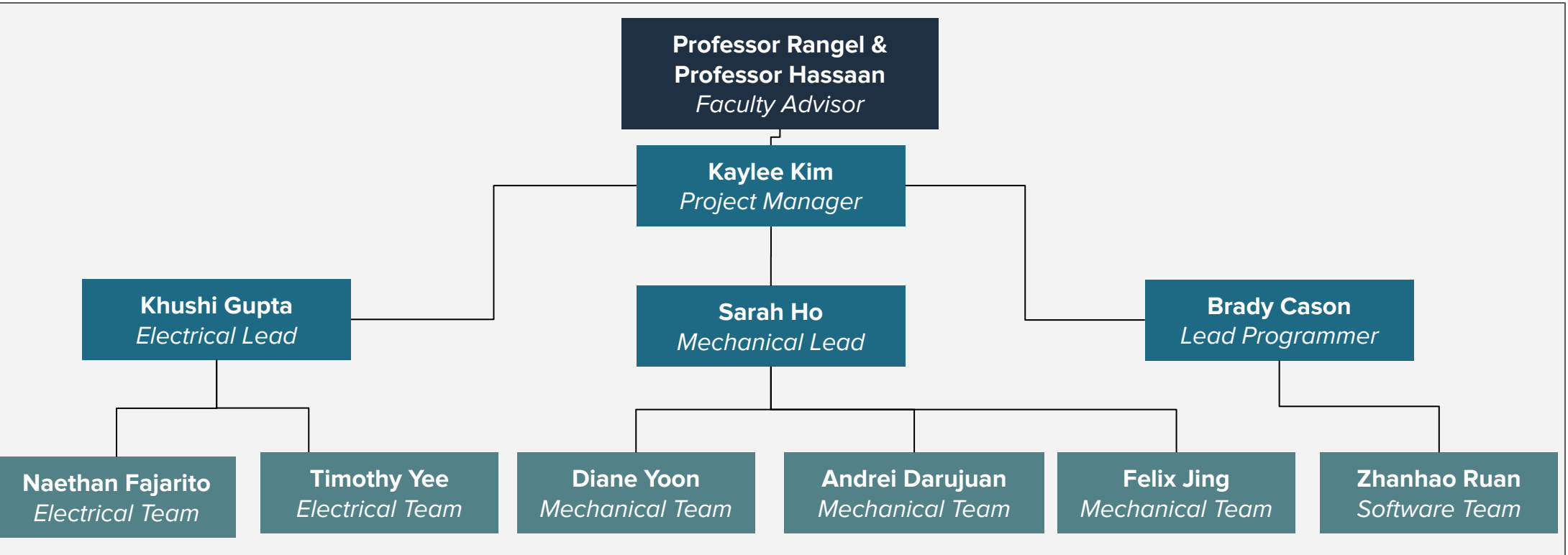
CanSat Deployed



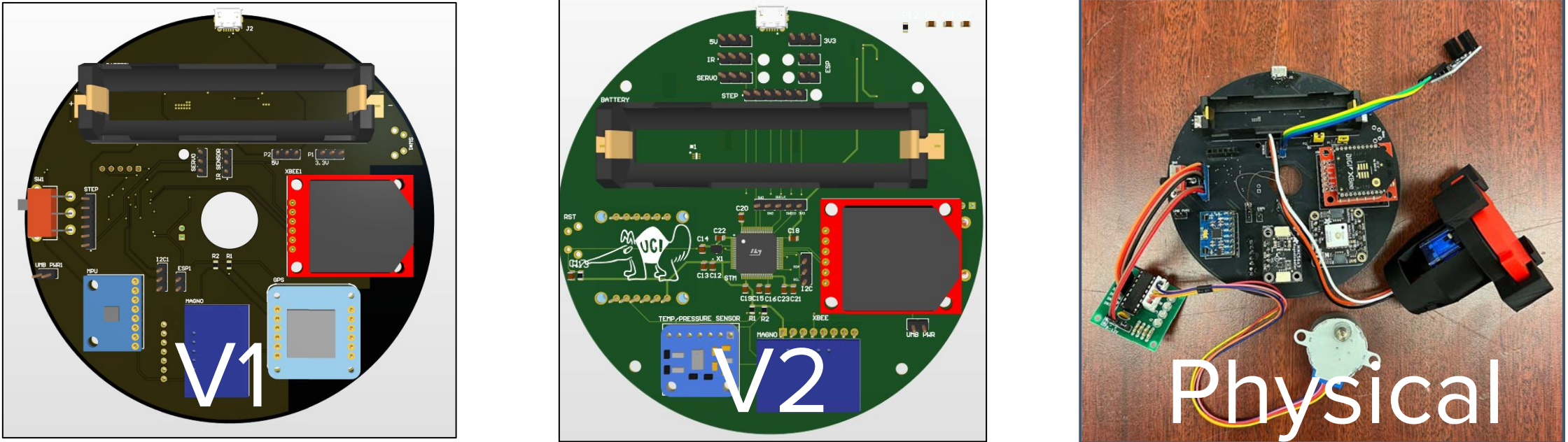
SUMMARY

The CanSat project involves designing a container deployable from a rocket with controlled descent rates. The mechanical, electrical and controls subteams have worked together meticulously to create a system with auto gyrating blades, cameras recording different angles, and a telemetry system.

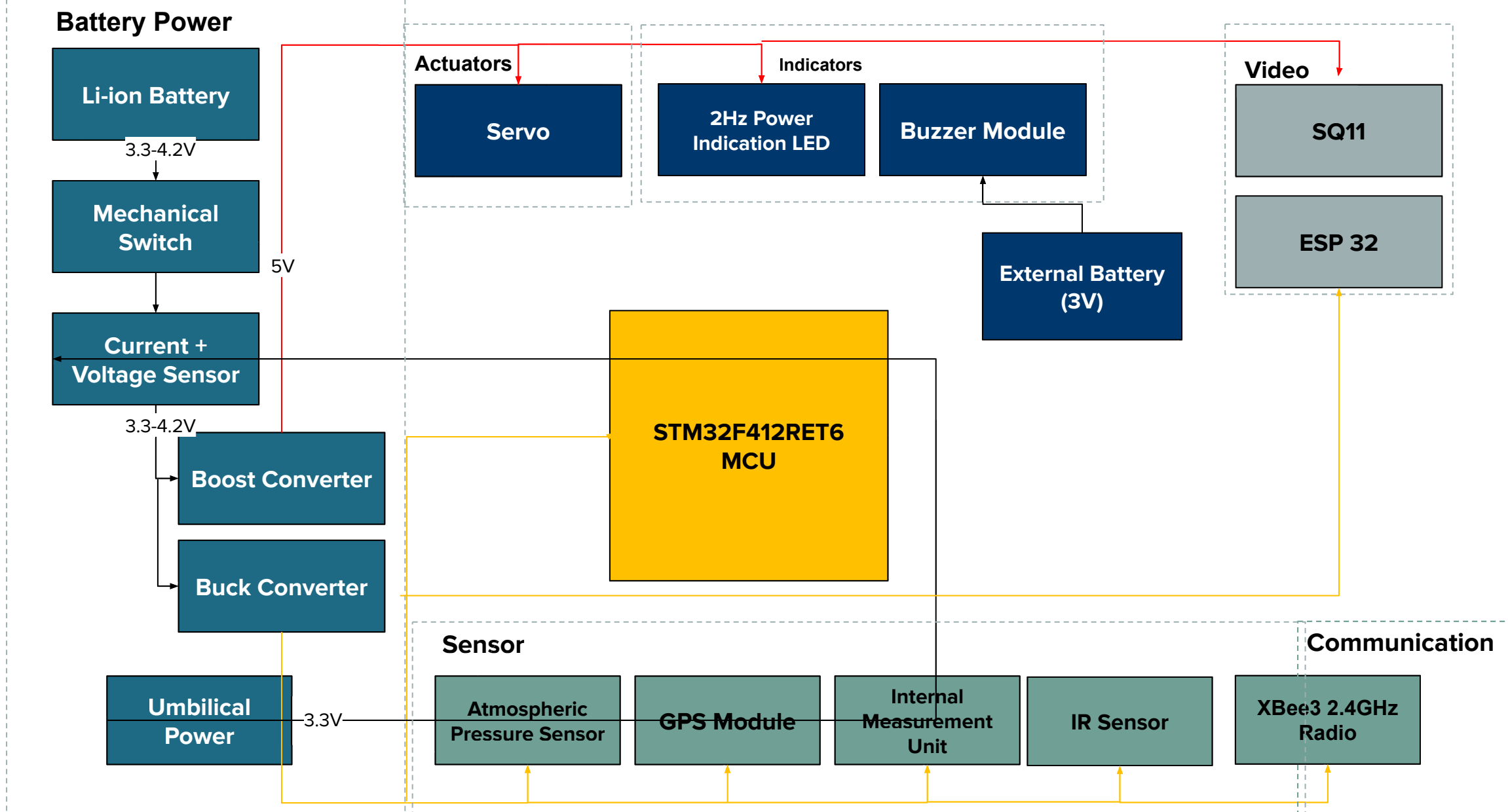
TEAM



PCB DESIGN



CIRCUIT OVERVIEW



SOFTWARE METHODOLOGY

