Background:

Formula SAE is an annual competition in which students from around the world design, build, test and compete their vehicles. Project Zeta is in its third and final year of design.

Requirement:

- Autocross racing vehicle for non-pro racers
- High performance
- Safe and reliable

Goal:

- Optimize the initial design of the car
- Focus on the endurance of the vehicle
- Ensure the car passes safety inspection

Objectives:

- Redesign the battery storage system
- Redesign the control system
- Improve the safety and accessibility

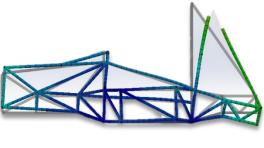
Current Status:

- Battery storage system manufacture in progress
- Bench testing of control system in progress
- Firewall and motor protection designs finalized

Timeline snapshot:

Design

Analysis



Manufacture





Next Quarter:

Static tests Dynamic testing



Advisor: Dr. Michael McCarthy

