



FSAE Racecar: AR-11 "Savage"

Advisers: Dr. Michael McCarthy, Robert "Smitty" Smith, Phil Chipman



Background

We design, build, test, and compete a formula-style racecar for the intercollegiate design series FSAE West. This year it is set to take place from June 15-18 in Lincoln, Nebraska amongst 80 universities.

Mission Statement

Complete all static and dynamic events at Formula SAE West while remaining competitive.

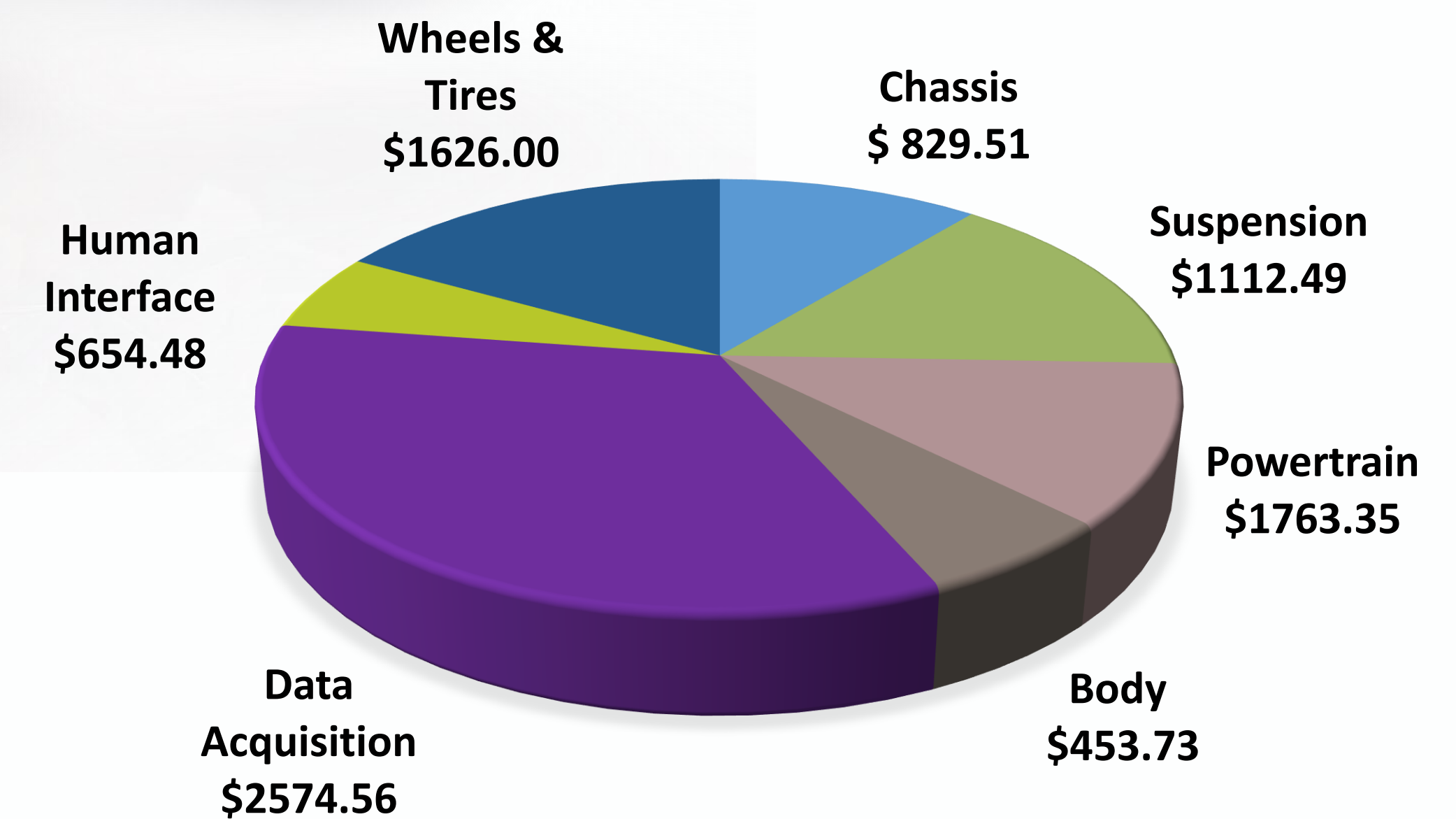
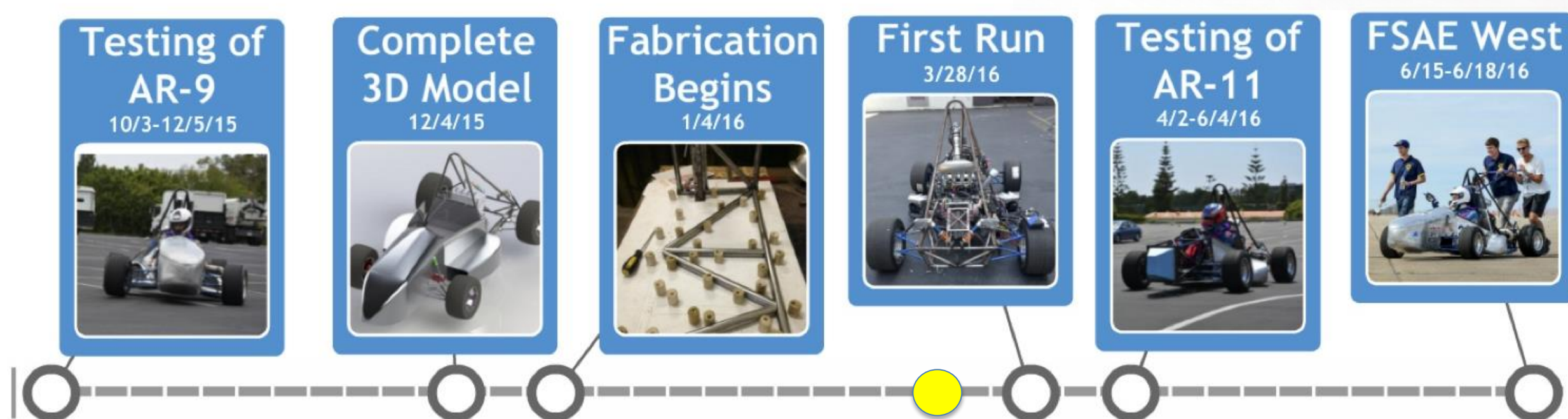
Objectives

- Improved team communication
- Test fixtures for new designs
- Rules verifications
- 10 weeks of vehicle testing

Design Requirements

- 618 FSAE rules
- 0-60mph in 3.16 seconds
- 25' skidpad in 5.0 seconds
- Curb weight < 500 lbs
- 50/50 weight distribution

Project Timeline



Expenditures to date: \$9014.12
Project cost: \$12,000

Team manager: Nawid Mehrzai
Team captain: Zachary Milbourn
Team leads: April Craven, Arnav Malawade, Jonathan Chen, KC Huynh, Matt Clark, McHenry Carlson
Team members: Antonio Tejeda, Nazneen Peracha, Michael Song, Mina Hanna, Brian Chiu, Zachary Kuriem, Haosen Xing, Arman Askari, Andrew Nguyen, Kim Ju Hyun, Kevin Gonzalez, Javon Johnson, Vaz Frnzyan, Sergio Chen, Anthony Pham, Sion Yans, Kristanto Uisan, Tyler Nelson, Benjamin Liu, Matthew Gill, Eli Bartlett, Son Dao, Khoi Ngo, Kasthuri Sivagnanam