- **Who:** Erin Boeger, Sutton Cowperthwaite, Travis Dowdy, Maryjane Clark

- **Title:** TempTor: Temperature Monitoring System

- **Description:** For this project, we will design a temperature sensor system. This system will read in temperatures from different sensors, and send the inputs wirelessly to a web based user interface. There will be a few options available, including graphing the temperature versus time of each sensor, a color system to tell if sensor temperature is within a set range, and other later additions.

- **Vision Statement:** To provide the easiest way to monitor temperatures in commercial equipment and display them in a user friendly format.

- **Motivation:** To gain experience with Raspberry Pi programming and hardware assembly. To gain experience with Agile, Git, and different programming languages. Ability to test proof of concept for equipment temperature monitoring.

- **Risks:**
  Hardware
  - Introductory level knowledge with Raspberry Pi
  - Equipment availability and compatibility

  Sensor programming
  - Moderately skilled with Python programming

  Web Interface
  - Some teams team have entry level familiarity with Ruby on Rails

- **VCS:** Git and Github
  https://github.com/SullysMustyRuby/TempTor_sensors.git
  https://github.com/SullysMustyRuby/TempTor_server.git