ENES 100

Team STS

Milestone 4

Task list

Sub teams:

Mechanical

* Isaac
* Stephen
* Kenneth

Electrical

* Eliav
* John

Computer

* Michael
* Spencer

Task list:

1. Mechanical
   * 3d printing of platform
   * 3d printing of platform support
   * Fitting together mission specific hardware onto platform
   * Developing reeling mechanism for platform and motor
   * Assembling base
   * Establish list of fittings, screws, and other minor components
2. Electrical
   * Test motors
   * Interface motors with H-bridge
   * Work with computer team to develop speed control for motors
   * Gather data on ultrasonic sensors to test operating parameters (cone, range, accuracy)
3. Computer
   * Establish a git repository for code collaboration
   * Write coding standards (indentation, comments, basic coding convention to allow for easier collaboration)
   * Brainstorm and think of methods for locomotion algorithms and methods
   * Write outlines for methods