**Meeting Minutes #6**

**Date: March 23, 2018**

**Agenda:**

* Discuss information required for the report
* Finalize prototype design

**Discussion:**

1. **Final Report** 
   * Complete the product cad model
   * Complete engineering drawings for Pyramid intake parts and cube pick up parts
   * Write the information required in the report in bullet point form
2. **Prototype Design** 
   * L brackets are being used to attach laser cut pieces for the pyramid intake
     + Too much loading on the intake so the epoxy does not effectlively hold the acrylic pieces together even when corner pieces are used
   * The wheels used do not offer enough traction
     + Tennis racket grip is being used to increase the traction between the wheels and the ground to ensure that the robot goes over the conduits

**Note –** a degree of freedom is added to the pyramid intake so it can open up wider when the pyramid is being picked up from the wider side. Elastic bands are used to pull the two sides of the intake back together after in the prototype and springs are used in the Product.

**To be completed:**

* Complete the code for the prototype
* Complete the wiring of the prototype