## Remaining FYDP Tasks

#### Frame (Alex)

* Machine plexiglass barriers
* Mount the tower to the frame

#### Cameras (Alex)

* Design Camera mounting strategy
* Make camera mounts

#### E-Stop (Alex & Max)

* Source and wire an E-stop (Max)
* Design E-stop mounting methodology
* Assemble E-stop onto the frame

#### E-Box (Alex0

* Design mounting strategy for Ebox to frame
* Purchase fasteners (if necessary)
* Modify Ebox and secure box to the tower

#### Handles (Alex)

* Purchase necessary parts
  + Bolts
  + Nuts
  + PVC
* Machine PVC pipes
* Assemble on frame

#### Shell (Alex)

* Shell Construction
  + Design structure and surface on frame
    - Incorporate plexiglass sections for cameras
  + Purchase materials
  + Construct frame in Machine Shop
  + Assemble frame
* Shell Mounting
  + Design 3D printed mounts
  + Print mounts
  + Purchase fasteners if necessary
  + Assemble mounts on frame

#### Water Dispersal System (Jared w/ Alex & Max)

* Water Dispersal System Construction (Jared)
  + Purchase necessary remaining materials
    - Fasteners
    - Glue
    - Baffles?
  + Assemble system
* Water Dispersal System Mounting (Alex)
  + Design mounts for cooler
  + 3D Print mounts
  + Purchase necessary fasteners
* Water Dispersal System Testing
  + Wire up valve (Max)
  + Test until performance is adequate (Max & Jared)

#### Shovel (Alex)

* Purchase basic shovel, mounting material, fasteners
* Design basic mounting system
* Assemble shovel system on frame
* Test system

#### Decals (Alex)

* Order decals for SnoMo logo and Sponsor logos
* Put decals on robot shell