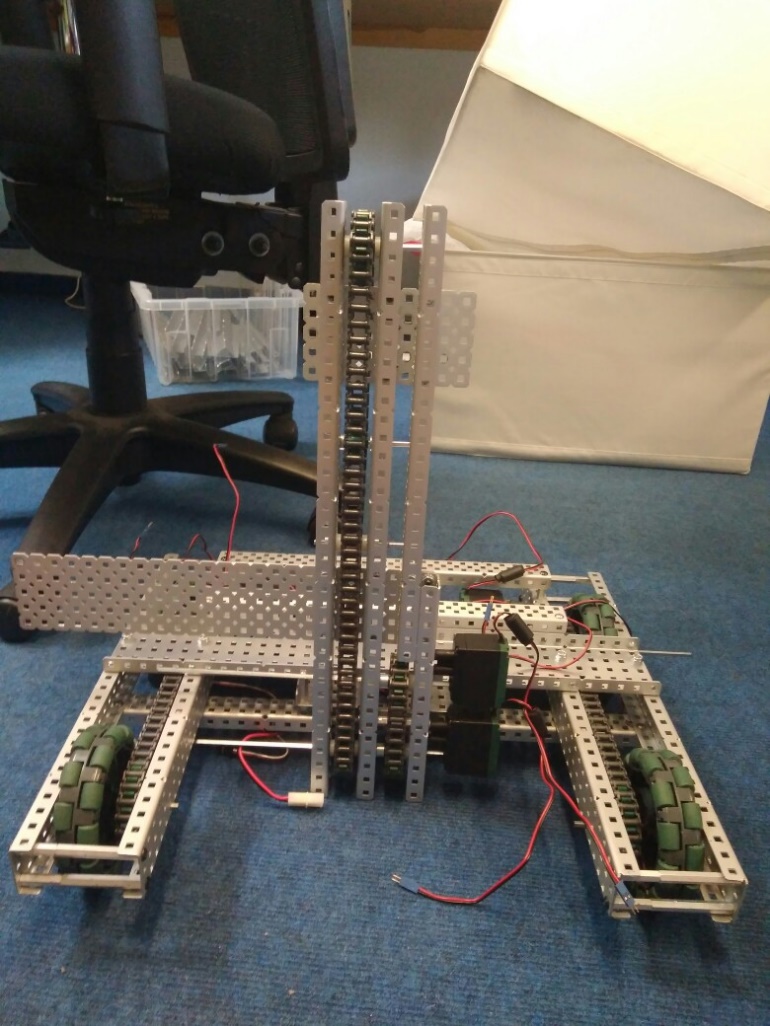
Robot v1.05



**Specification:**

* 6 Motor HS drive
* 2 drive chains
* 4 wheels
* Aluminium structure
* 2 motor lift

**Dimensions:**

* 17.5” x 15”

**Changes Made:**

* Built the first prototype of the lift mechanism (not yet attached)

**Future Changes:**

* Remake the first stage using nyloc nuts
* Add two more lift stages
* Attach first stage to robot
* Add two more motors to lift

**Overview:**

For this version of the robot we have had our first attempt at building the first stage of our 3-stage elevator lift that we plan to use for picking up cones and mobile goals. We made the first prototype version using non-nyloc nuts in order to ease quick changes so it must be remade with them to increase the strength. We also need to create two more stages of lift and add two more motors so the lift is a four-motor lift, increasing the torque, allowing for greater weights to be lifted. After that we need to attach it to the robot. Normally we would make the claw first but due to the fact that our field elements have not arrived we have decided to build the lift first.

Logged by Sam Poirier

04/07/2017 – 17:19