* + Completion Date Week 14 (18Apr)
    1. Airframe
       1. Assemble airframe
          - Purchase special glue to not melt the Styrofoam
       2. Attach the VTOL Booms to airframe
          - Purchase Carbon fibers rods/tubes (Need these before assembly of airframe)

Determine the diameter and length needed

Length of stability rod needs to be no more than 500mm (estimated)

Determine length of boom rod

* + - * + Find the angle of attack for the booms
        + Attach props/motors to booms

Determine attachment method from prop/motor to carbon tube

JB Weld as potential solution

* + - 1. Attach Air Speed Sensor
      2. Find location for lidar
      3. Find a way to secure modifly drone base in airframe
      4. Wiring Everything/Attach
         * Servo Motors
         * Forward Propulsion/ESC
         * Battery
         * VTOL Props/ESC
    1. ModiFly Drone
       1. Implement Drone base stability
          - Purchase Nylon antivibration fasteners
          - Purchase support beams.
       2. Power Distribution Board
          - Purchase on Amazon
       3. Assemble base drone insert
          - Radio Transmitter
          - Pixhawk

Flashing Ardupilot plane firmware to Pixhawk

Updating Firmware parameters for VTOL props

* + - * + Bluetooth Module
        + GPS Module
        + ESC