Minutes/Daily Log:

Monday, September 21

* Typed up and submitted the project timeline as a group
* Decided that each team member should think up ideas for the preliminary design
  + Ideas of what to include on payload

Monday, October 5

* Team Organization
  + Harrison - Mechanical
  + Joseph - Programming
* Design Concepts
  + Sensor -
  + Tubing -
  + Valve -
* Ideas/Thoughts
  + Hole in parachute and tubing running through it
    - Payload under parachute
    - Adafruit GPS as well as a pressure sensor (external/atmospheric pressure)
    - 3D print U-shape attachment (very small)
    - Plastic flexible tubing
* Testing
  + Thermal test once we have final design
  + Have a failed balloon for use
  + Heat mold
    - With purchased sample of tubing
* Power
  + Given batteries/power source
* Valve/Valve driver
  + Under 7 Volts
  + Under 1 Amp draw of current (under 0.5 Amp if possible)
  + Possible:
    - <http://ph.parker.com/us/12051/en/pulse-valves-miniature-high-speed-high-vacuum-dispense-valve>

Monday, October 12

* Finalize parts list (separate document)
* New design: payload in neck of balloon

Friday, October 15

* Make final parts decisions to order → VALVE

Monday, October 19

* Begin measuring box and draw out on poster board → cut board
* Begin programming what we need to measure with our payload

Friday, October 23

* Finish cutting out/constructing poster board box
* Make final tubing selection decisions → order
* Continue programming