

Meeting Minutes

Leader: Elizabeth

Note Taker: Tim

1. Power and XY Plotter: Tim and Elizabeth
 - a. Update: last week's action items
 - Limit switched installed
 - Ran wires
 - b. This week's action items
 - Looking for new pens.
 - Refine pen-lifting mechanism
 - Wait on constructing power setup for the board.
2. Microcontroller and User Interface: Sarah and Kelsey
 - a. Update: last week's action items
 - Software: successfully tested setup with the frame.
 - Solenoid testing
 - Solenoid works with current setup, but only has 11.4V across it.
 - a. Requires that the axel mechanism to be very low friction.
 - Remove Resistor between gate and microcontroller
 - Possibility of changing the MOSFET to a logic level transistor.
 - a. Will allow for the transistor to be turned on more easily.
 - b. Increases voltage across the solenoid.
 - Board: ordered
 - Worked on final report extensively
 - b. This week's action items
 - Assemble UI
 - Continue documentation
3. Other questions/concerns: All
 - a. For mechanical description of system: Google SketchUp for schematic.