Week 26 Report

Group 1
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Client: Rex Clingan

Project Status:
This week, the group continued to work on making additions and adjustments to the prototype and work through verification and validation tests. The wiring for the actuators which turn the valves was finished so that the valves now move in unison. The heating coils were also added so that the group is now able to do verification tests for the desired temperature range. Additional flow rate testing was done to see how it varies with some changes in piping. Pressure tests were also done with the addition of the valves.

Next Steps: The highest priority for this upcoming week is to add in software components. The code is written and the Arduino is set up and has been tested in isolation, but it needs to be added to the full prototype.