

[illegible]

	Megan's Project Log
11/19	I was brainstorming possible ideas with Roshni and we finally decided on a "smart" heater
11/20	I helped come up with some of the inputs that would be involved in the truth table and what they meant.
11/21	I started putting together the truth table with Roshni. We were deciding on our specifications for the outputs we wanted.
11/22	I worked again with the truth table to make sure we included the 6 inputs and incorporated them correctly into our design.
12/2	I mainly worked on simplifying the logic expression.
12/4	I again worked on the logic expression while Roshni checked my work.
12/5	Once I confirmed the logic expression, I began breadboarding with the different gates I had.
12/6	I was troubleshooting some issues with the breadboard while doing documentation.
12/10	I mainly discussed how we would tackle the cost aspect of the prototype and finished up documentation.

	Roshni's Project Log
11/19	I brainstormed some ideas for our project, like a gold detector. Megan and I ended up choosing her "smart" heater idea.
11/20	I helped come up with some of the input variables, like peak time.
11/21	I typed out all of the possible input combinations and began evaluating them verbally one by one with Megan.
11/22	I finished assessing the truth table with Megan.
12/2	I spent the half the period writing out all of the minterms for our function, and the other half beginning simplification.
12/4	I continued simplification, but stopped when Megan finished first. I checked her steps.
12/5	I created the Multisim for our function. I began plugging in every possible input combination into the simulation to ensure that the outputs matched our truth table.
12/6	I finished checking the Multisim and began copying the minterm simplification steps into our documentation.
12/10	I worked on documentation, primarily the final solution and design brief sections.