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## Past Goals (The week of Feb 11th)

## Fix temp sensor coding

## Begin temperature testing with steam valve

1. Work on wireless transceiver
2. Complete the PCB design review
3. Begin Ethernet Code testing
4. Start coding PHP Socket programming for Web interface communication
5. Finish midterm PPT presentation

## Issues

## We need two power supply in multi-disciplinary room to test temperature testing with steam valve

1. Programming issues with wireless transceiver. Currently working to find the cause of the error.
2. The components are a little crowded on the board so it is difficult to route. The biggest problem is the route widths. We need to go through and change the route widths for the high power lines to allow maximum current.
3. Still need to have the hardware to test Ethernet code; Looking to see if we can get a development kit for the Ethernet so we can get started on the testing.
4. Problem with authentication during testing. We suspect that it is a msql query error

## Results and Progress

1. Completed integration of motor, timer, and usart functionality
2. Still need to do some debugging to fix wireless transceiver code
3. PCB has been routed but needs slight modifications. Another week should do the trick
4. Currently debugging on the web interface authentication
5. Finished with the PPT midterm presentation

## Future Goals and Plans

1. Finish PCB routing
2. Fix wireless transceiver errors
3. Continue testing temperature sensor with steam valve
4. Begin Ethernet Code testing
5. Fix authentication error and start coding PHP Socket programming for Web interface communication
6. Start on the PID controller algorithm