

EE 3921

Dr. Johnson

Homework 4

1) Code and simulate your HVAC system from HW3. Use a fixed Desired temperature of 25°C. Ramp the Actual temperature from 10°C to 40°C.

Provide your Code 40 pts

Provide your RTL schematic 10 pts

Provide your Quartus state machine 10 pts

Provide your annotated sim results 40 pts

(add the state signals to your simulation)

