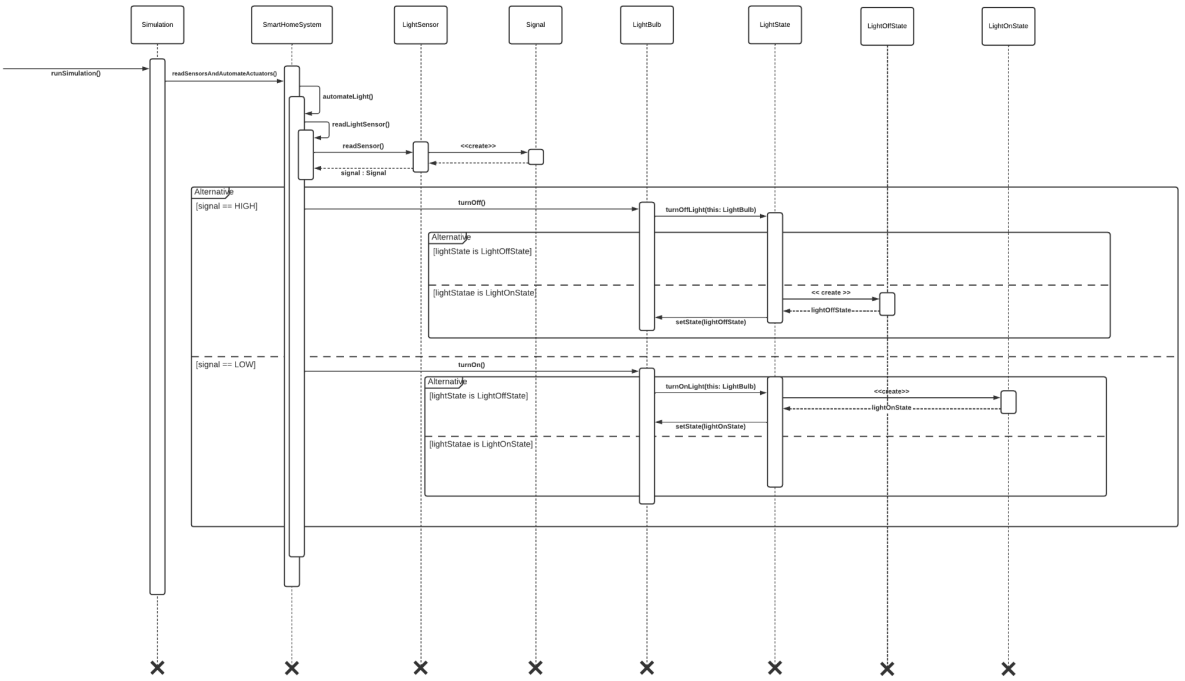
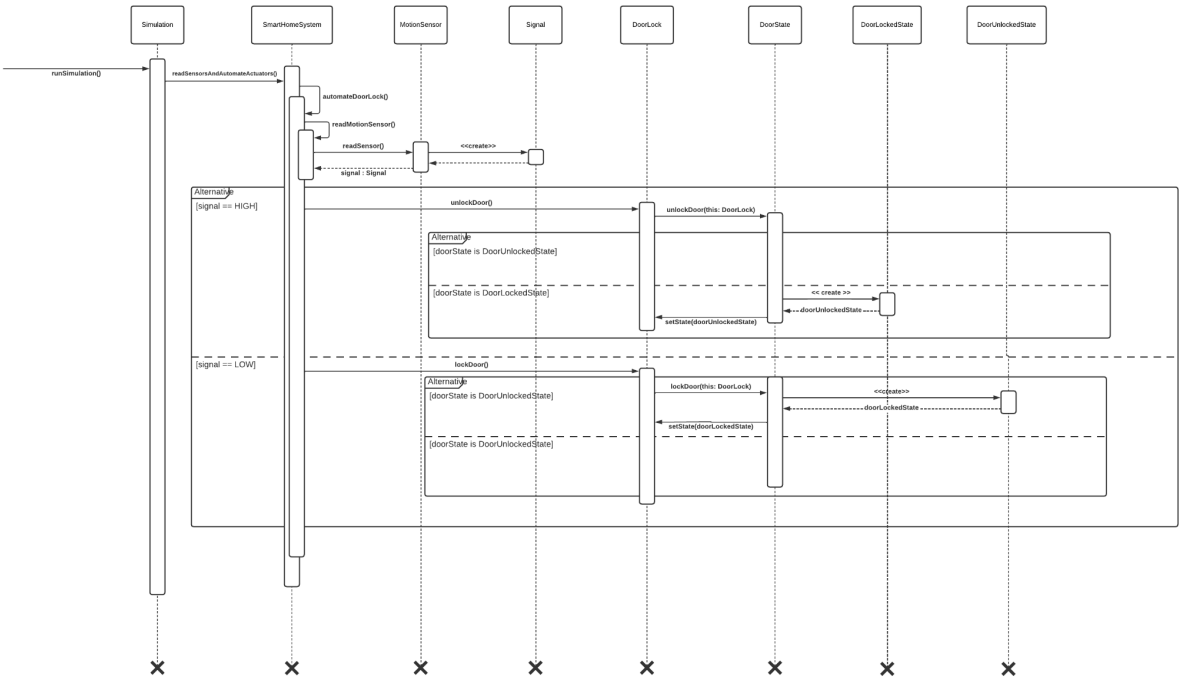
Ceng 431 HW2 Report

1 Sequence Diagrams

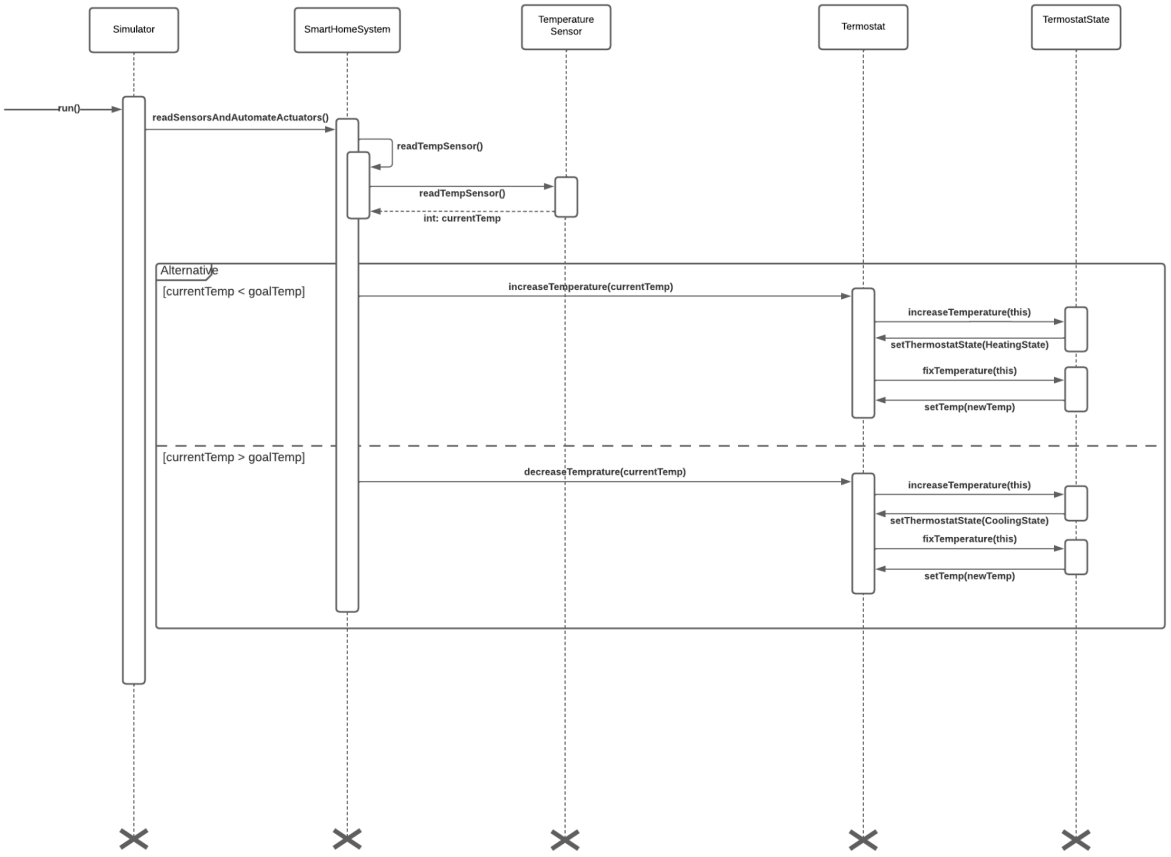
Automate Light Bulb



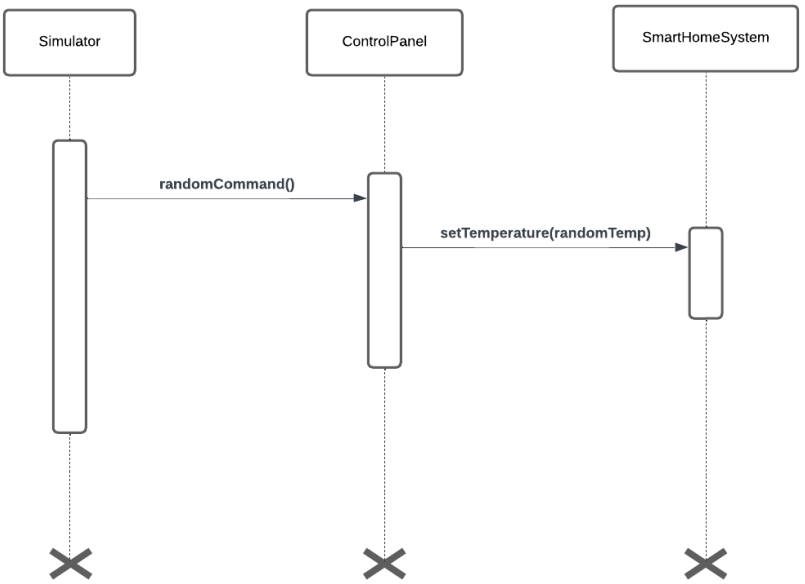
Automate Door Lock



Automate Temperature

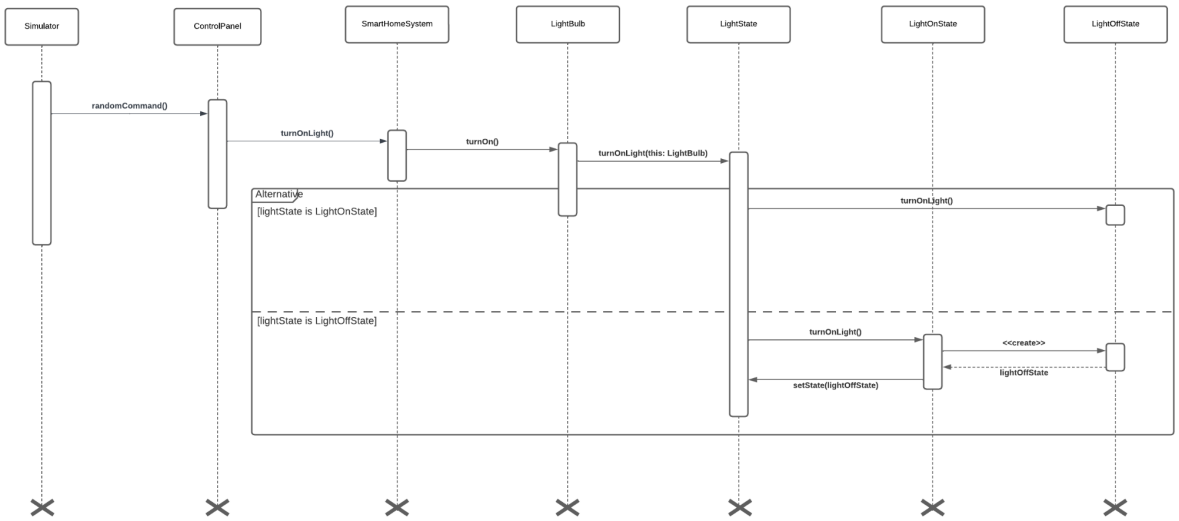


Command Set Temperature



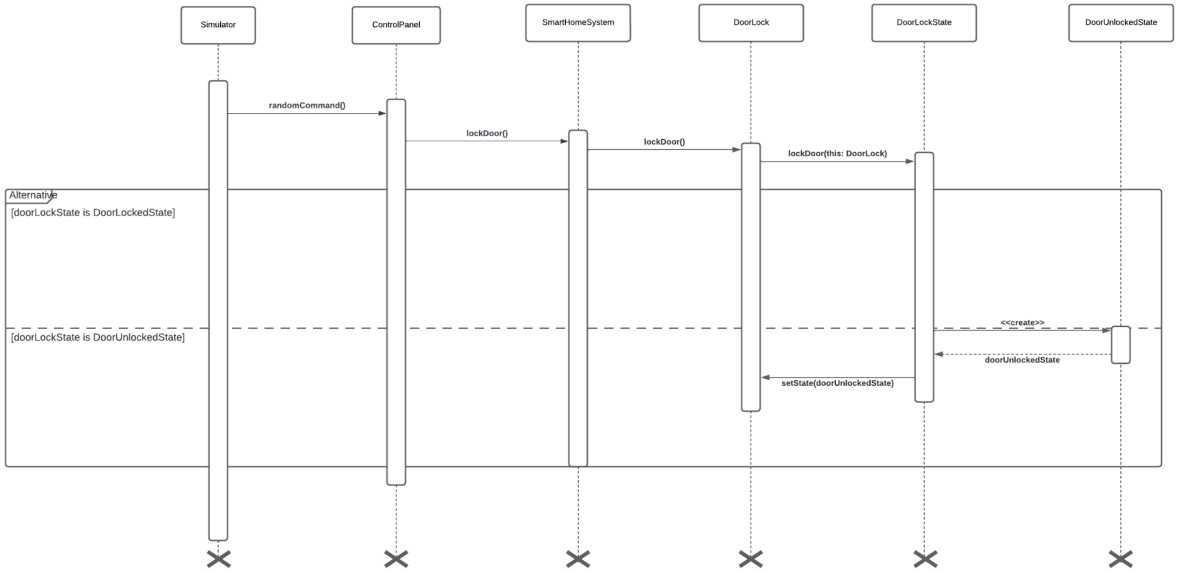
** With this process goal temperature is set

Command Turn On Light



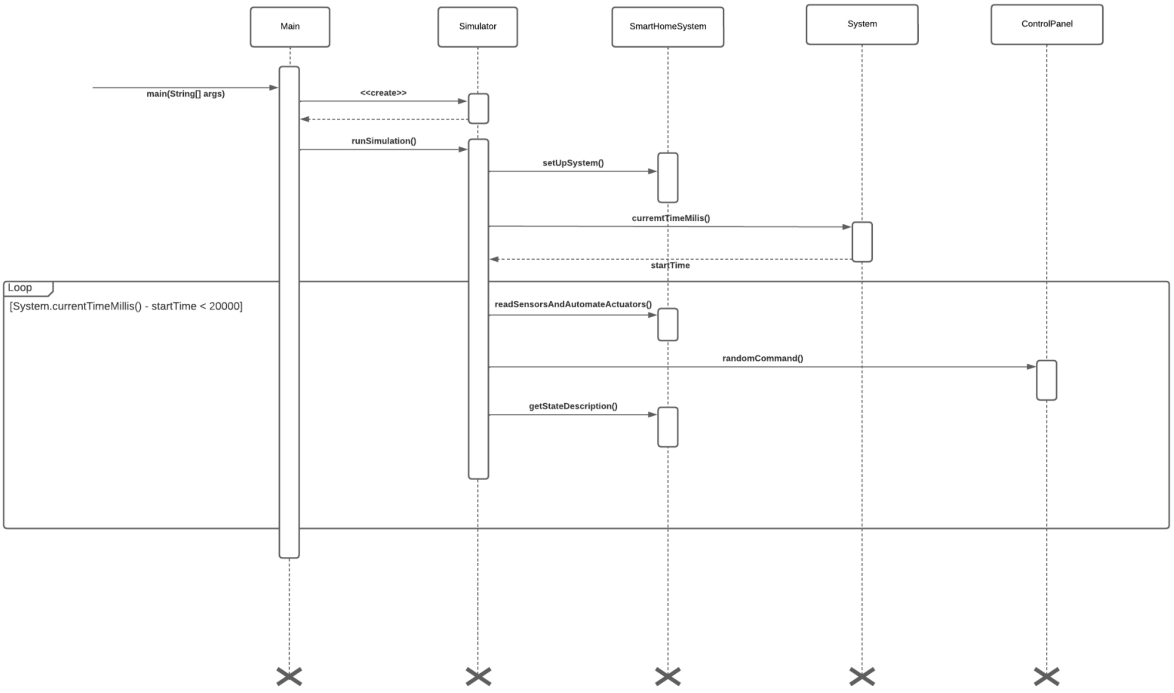
** Turn off light case is pretty much the same

Command Lock Door



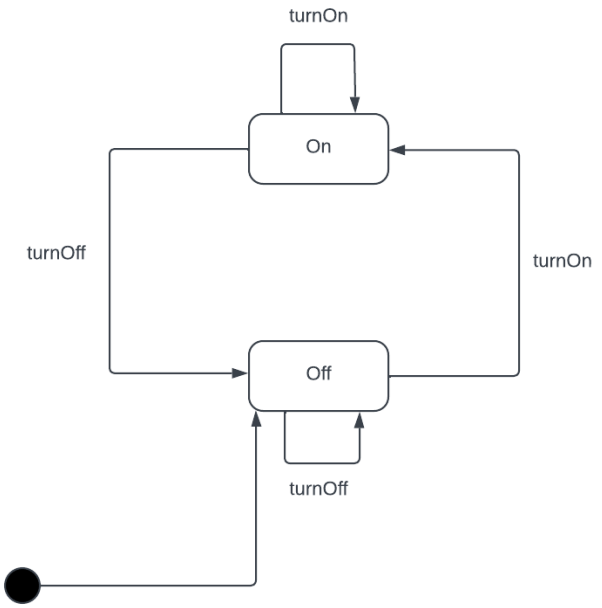
** Command For Unlock Door is pretty much the same

General Overview

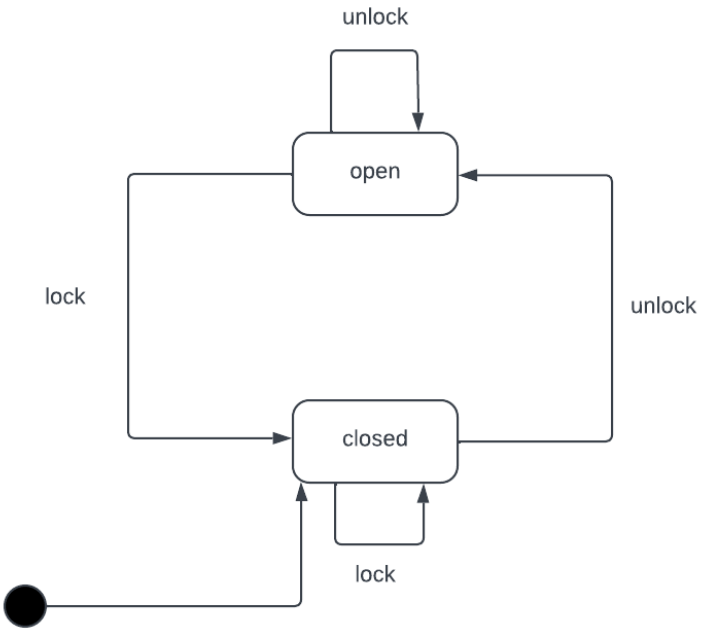


2 State Diagrams

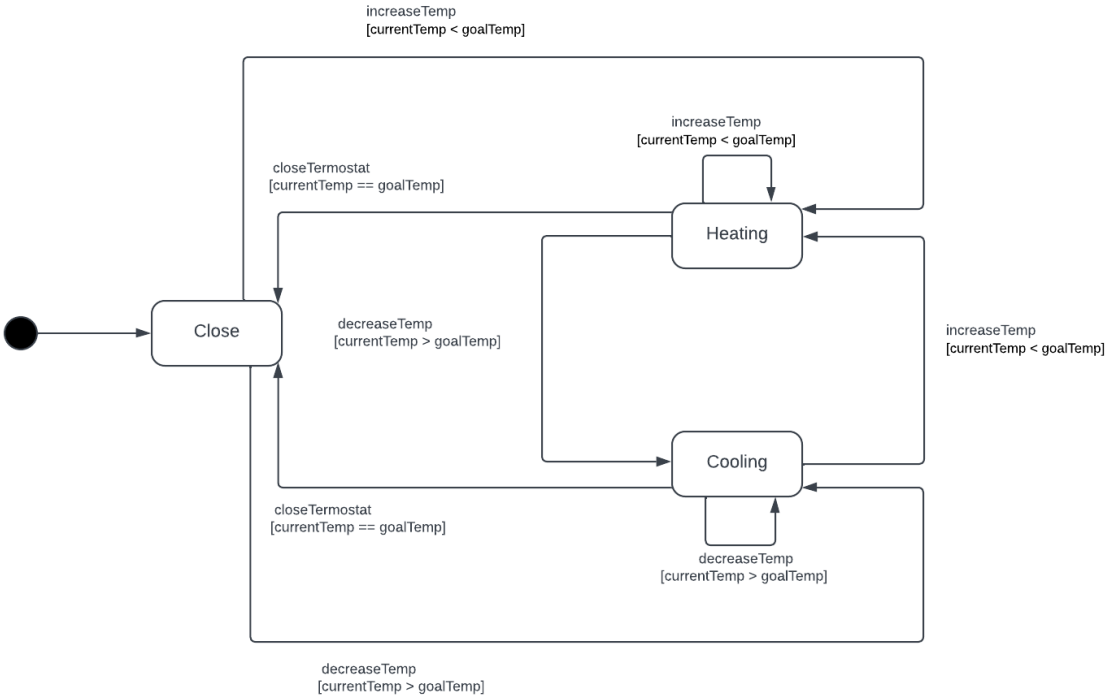
a LightBulb State



b Door Lock State

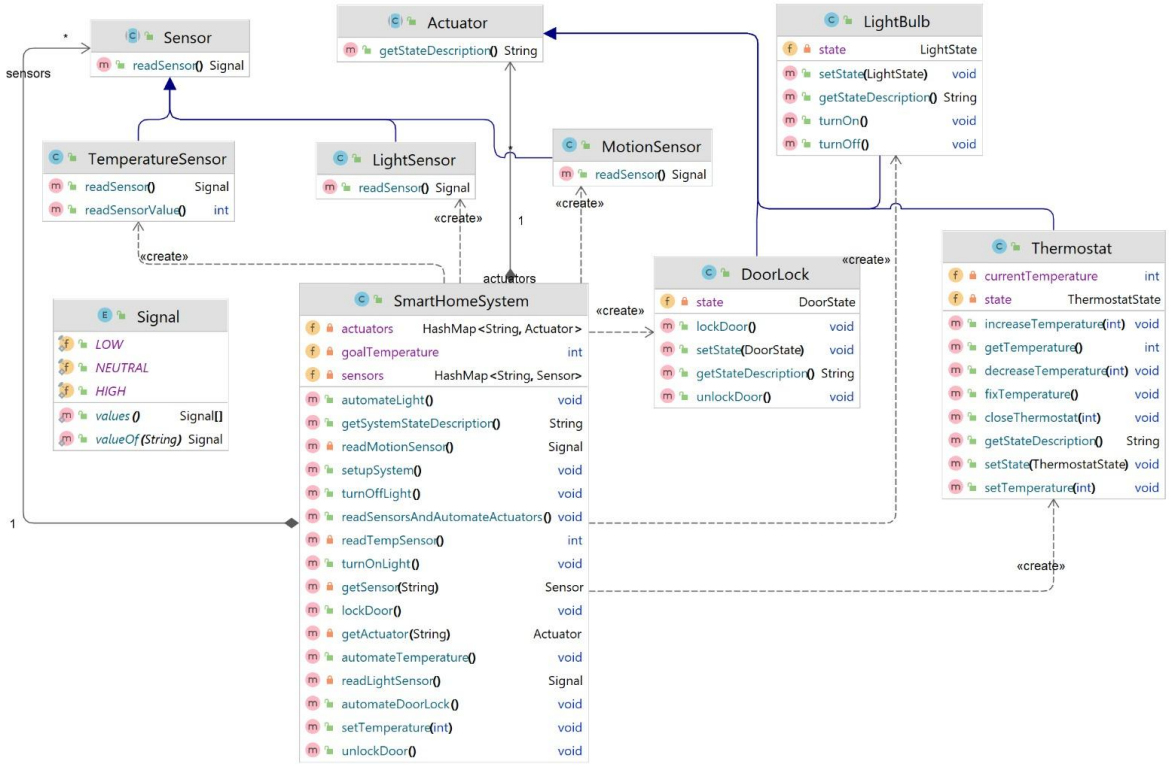


c Termostat State



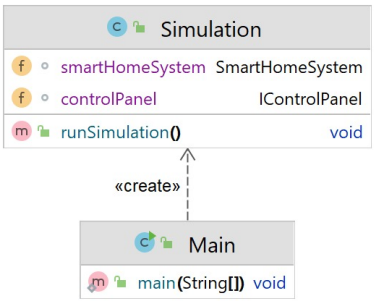
3 Class Diagram

a- smartHomeSystem package

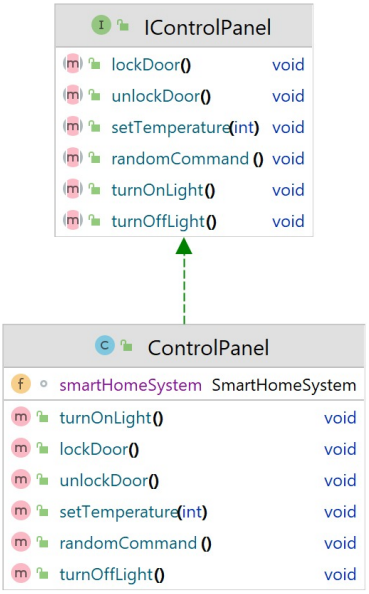
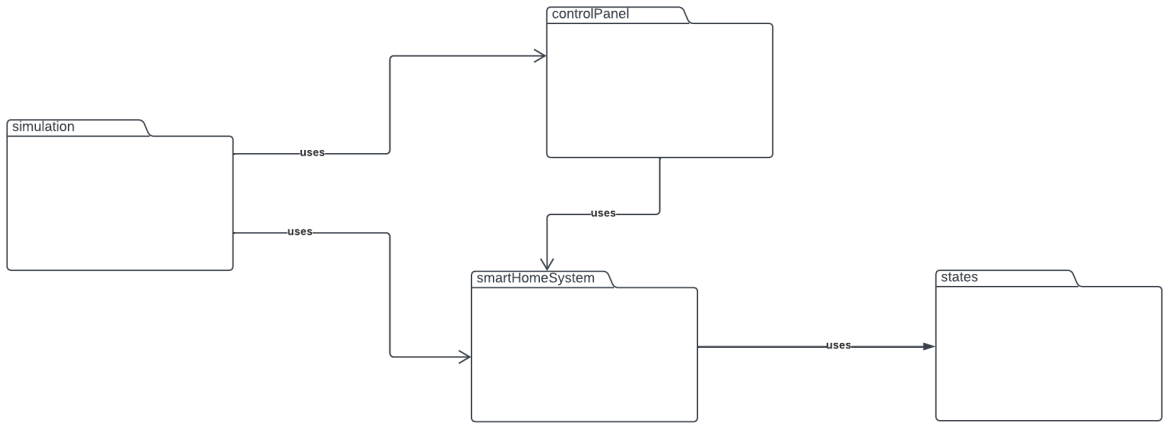


b- states package

c- simulator package



d- controlPanel package



e package overview