

Minimal Home Automation System

Sample Input and Output

At every Process based on the Command the State of the light,ThermoStat,DoorLock is changed also the Current State is printed .

```
Select a command: (1) Light (2) Thermostat (3) DoorLock (4) Exit
1
Enter action for Light (on/off):
on
Light is ON
Select a command: (1) Light (2) Thermostat (3) DoorLock (4) Exit
2
Enter temperature for Thermostat:
63
Light is ON
Thermostat temperature set to 63°C
Select a command: (1) Light (2) Thermostat (3) DoorLock (4) Exit
3
Enter action for DoorLock (lock/unlock):
unlock
Light is ON
Thermostat temperature set to 63°C
Door is UNLOCKED
Select a command: (1) Light (2) Thermostat (3) DoorLock (4) Exit
1
Enter action for Light (on/off):
off
Light is ON
Thermostat temperature set to 63°C
Door is UNLOCKED
Light is OFF
Select a command: (1) Light (2) Thermostat (3) DoorLock (4) Exit
4
Current states:
Light is OFF
Thermostat is set to 63°C
Door is UNLOCKED
```