

Mar 5 20:37

joshua@joshua-HP-Pavilion-Gaming-Laptop-15-ec1xxx: ~/Desktop/bl\_iot\_sdk/customer\_app/smartdoor

```
No motion
Applying LED states: R: 0,
No motion
Applying LED states: R: 0,
No motion
Applying LED states: R: 0,
No motion
Applying LED states: R: 0,
No motion
Applying LED states: R: 0,
No motion
Applying LED states: R: 0,
Motion detected
Applying LED states: R: 1,
Motion detected
Applying LED states: R: 1,
Motion detected
Applying LED states: R: 1,
Motion detected
Applying LED states: R: 1,
[DEBUG] Returning to Duty Cycle: 5.000000% (0° position)
Motion detected
Applying LED states: R: 1,
3800B7D7540CNo motion
Applying LED states: R: 0,
No motion
Applying LED states: R: 0,
[RFID] Scanned Tag: 3800B7D7540C
[VERIFY] Verifying RFID Tag: 3800B7D7540C
[VERIFY] RFID Tag is valid.
[RFID] Valid tag detected. Activating servo motor...
SERVO PWM task started
[DEBUG] Setting Duty Cycle to 5.000000% (0° position)
Motion detected
Applying LED states: R: 1,
Motion detected
Applying LED states: R: 1,
[DEBUG] Moving to Duty Cycle: 10.000000% (90° position)
Motion detected
Applying LED states: R: 1,
Motion detected
Applying LED states: R: 1,
Motion detected
Applying LED states: R: 1,
```

→ RFID Tag Verification Successful