**Smart Home Automation System**

**Description: Develop a simple smart home automation system using OSGi bundles to control various smart devices within a home environment.**

**Security System:**   
Implement bundles for managing security cameras, door locks, and motion sensors. Users can monitor their home security status and receive alerts for any suspicious activities.

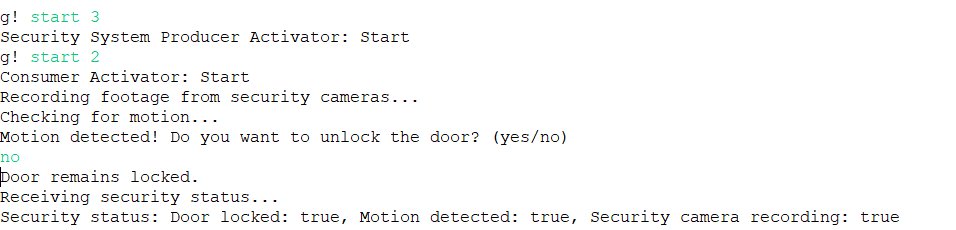
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Figure 1: Door remains locked when entering No

A screen shot of a computer

Description automatically generated

Figure 2: Unlocking the door when entering yes and also lock all the doors , on all cameras and started recording

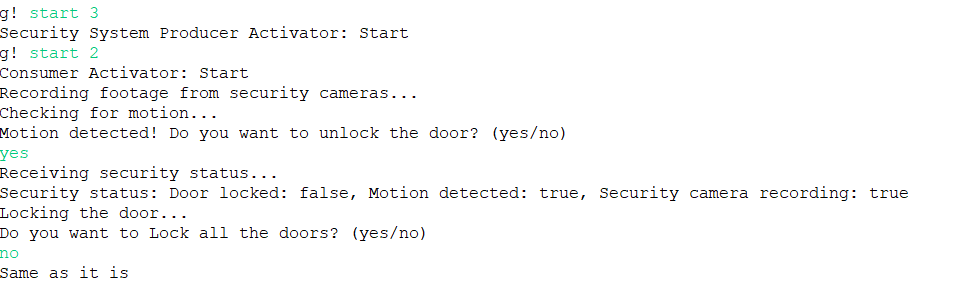


Figure 3: Unlocking the door when entering yes and not closing all doors

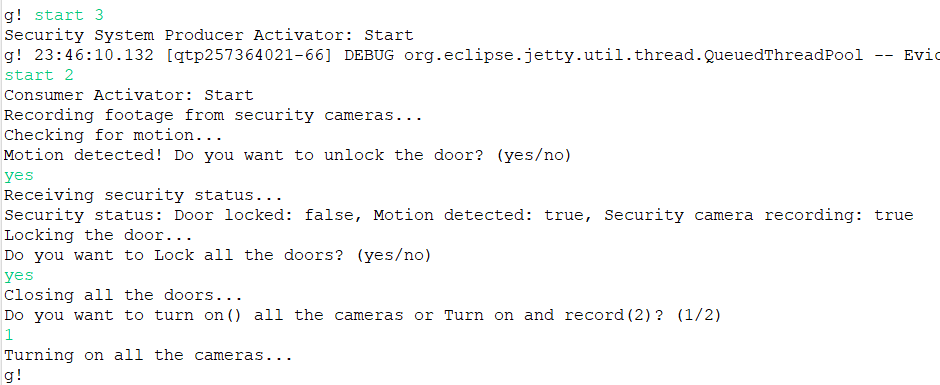


Figure 4: Unlocking the door when entering yes and also lock all the doors and turn on all the cameras

A screenshot of a computer

Description automatically generated

Figure 3: SecuritySystemConsumer Manifest.MF

A screenshot of a computer

Description automatically generated

Figure 4: SecuritySystemProducer Manifest.MF