

Project 3

Sam, Florian, Gerald and Chris

Overview

- Scenario
- Live demo
- Technical details

Scenario



first floor plan

Live demo



Used Technologies

- FHEM Home Automation System
- Kodi Media System
- Android Client Application
- Led simulator, Temperature simulator, Sound simulator
- Door lock
- Raspberry Pi camera, Motion sensor

FHEM

- Takes MQTT messages and forwards those to the devices
- Can fire trigger to execute actions (using perl scripts)
- Example: temperature reaches a certain threshold, start AC.

```
define temp_ac notify mqtt_temp {  
  
    if($EVTPART1 > 25) { fhem "set mqtt_ac1 on"  
  
    } else { fhem "set mqtt_ac1 off" } }
```

Questions?



Thanks

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