

# Lab report week 8

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## 1 Progress

## 2 To Do

- BNO055 driver
- NFC module driver
- Air quality sensor
- Humidity sensor SI7021 raspberry pi
- Hardware (soldering, testing)
- DASH7 data to frame
- DASH7 fingerprinting
- custom alexa skills
- openHAB integration

## 3 Planning

- Calibrating and testing MEMS sensor
- Add MEMS sensor data to openHAB (ok? uitbreiding?)
- Get OpenCV working with camera (busy)

- Backup SD card on blanco SD
- Optimizing PIR sensor
- check 2's complement conversion (sensors)