

UNIVERSITÉ CATHOLIQUE DE LOUVAIN



LINGI2252

SOFTWARE MAINTENANCE AND EVOLUTION

---

# Home Automation System – Lab 1

---

*Authors:*

GUSTIN Simon

1171-14-00

HALLET Adrien

3276-13-00

*Professor:*

MENS Kim

*Assistant:*

DUHOUX Benoît

October 4, 2018

# 1 Lexicon

**Sensor** Physical device that measures the magnitude of real-life variables.

**Consumption sensor** Sensor that detects and records the consumption of different resources (power, water, etc).

**Clock** Sensor that measures the time flying by (and can be used to set alarms at certain times).

**Heavy appliance** Home systems that use lots of electricity (washing machine, dishwasher, oven, etc).

**IoT** Internet of Things, the use of the internet for appliances like watches, clothes, ...

**Hub** Physical and/or digital system to centralize a group of systems.

## 2 Feature Model

