

## **Project description: Equipping 3-room apartment with Smart Home**

This document describes the integration of the myTEM SmartHome System in a 3-room apartment. The design of the smart home components was created with the **myTEM planning tool**, which you can get from us on request. The information from the planning tool was transferred to the **myTEM ProgTool software**, which you can download in our shop.

You can order and download the myTEM ProgTool here: <https://www.mytem-smarthome.com/shop-ch/de/produkt/mytem-progtool/>

### **Utilities room:**

In the utility room there is the electrical distributor and the heating distributor for the floor heating circuits.

The light in the utility room is switched on via a motion detector and is automatically switched off again after time X.

### **Bathroom:**

In the bathroom, the light and the light on the mirror cabinet can be switched on and off by separate buttons.

A room sensor and the setpoint input via app enable the floor heating to be controlled.

An RGBW LED strip is integrated via Dali and switched at night by a motion detector, which ensures a light that is kind to the eyes.

An exhaust air fan is started with a time delay when the light is switched on and switched off.

### **Hallway:**

A room sensor and the setpoint input via app enable the floor heating to be controlled.

The push buttons at the entrance door and at the transition from the bedroom to the dining room switch or dim the Dali LED spots.

The "Coming Home" and "Leaving Home" buttons allow lights to be switched on and off and blinds to be operated as required.

### **Bedroom:**

A room sensor and the setpoint input via app enable the floor heating to be controlled.

A button on the door and two buttons next to the bed switch or dim the light.

A button on the door switches the socket.

The two buttons on the door allow the blind to be moved up and down.

The two "Sleep" buttons allow you to switch off all lights in the house and close the blinds, depending on the setting.

### **Living/dining room:**

A room sensor and the setpoint input via app enable the floor heating to be controlled. Two push buttons switch or dim the Dali LED spots in the dining room and living room. Two push-buttons enable all blinds to be raised and lowered.

Two push-buttons enable the blinds on the east side to be raised and lowered.

Two buttons allow you to raise and lower the blinds on the south side.

Two push-buttons allow you to switch the "TV" socket and the "Corner" socket.

One scene button allows you to switch through different scenes such as "TV" or "Dinner".

### **Kitchen:**

A push-button switches or dims the light.

A push-button switches the light for the work surface.

A push-button switches the socket.

Four push-buttons allow the two blinds to be moved up and down separately.

Two push-buttons on the balcony door switch the outside socket and the outside light.

### **Key features:**

A sun sensor provides automatic shading. If the balcony door is open, shading is prevented there.

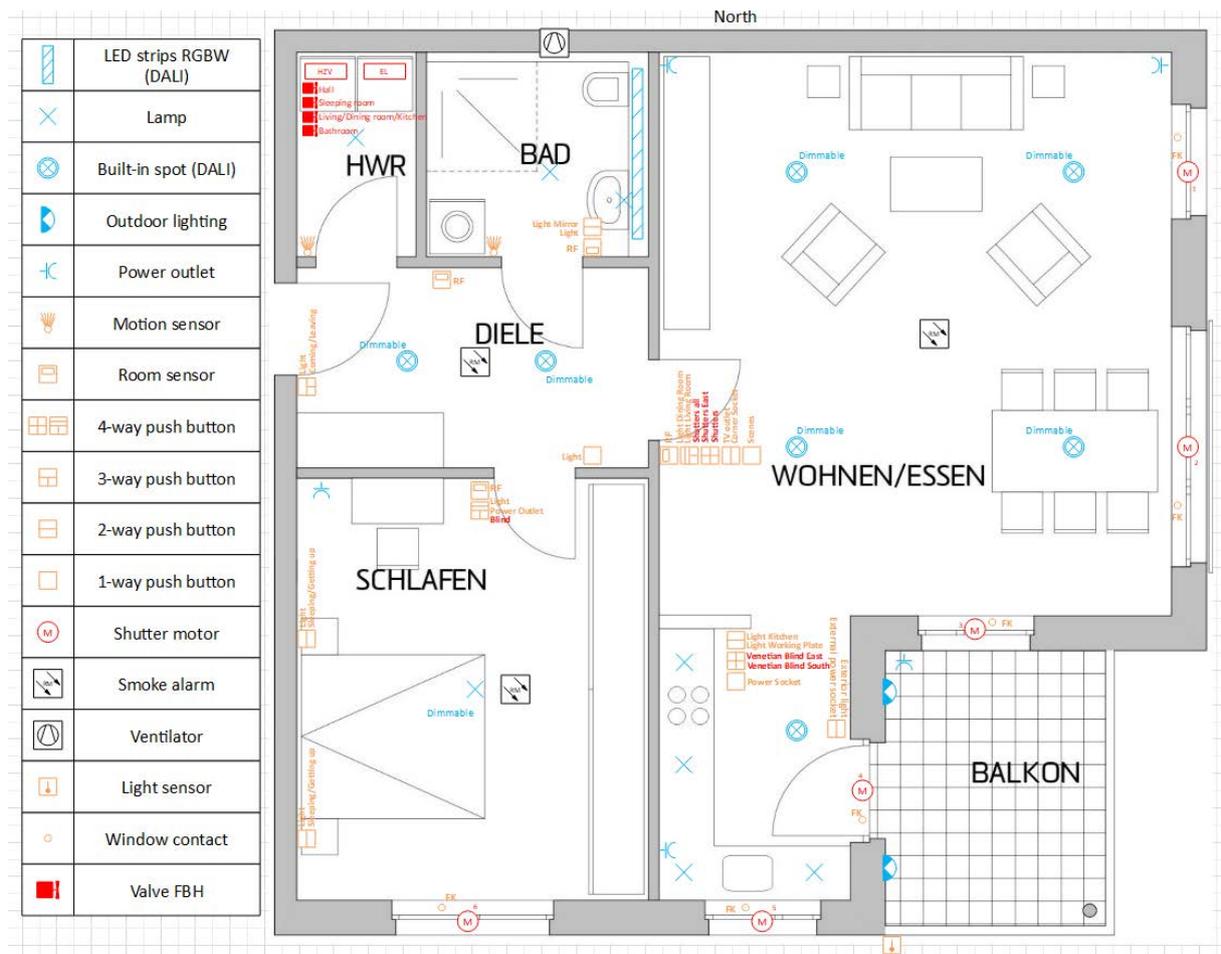
Window contacts on all windows close the heating valves when the window is open.

A holiday program reduces the heating and activates a presence simulation.

Smoke detectors and room sensors form a fire alarm system. If a fire alarm is triggered, only the escape routes are illuminated.

If the "Leaving Home" function is active and windows and doors are open, a push message is immediately sent to the mobile phone and all lights start flashing.

All functions can also be operated via app.



Here you find this project example, created in our myTEM ProgTool:

<https://mytem-smarthome.com/wp-content/uploads/2020/Beispiel.smproj>