(1)

User

Switches

Environment

Sensors

Router

Electrical Junction Box

Global Elements of the House (Heating, lightning, security…)

(2) (5) (8)

(3) (4) (7)

(6)

1. Informations coming from the environment ( weather, bad lightning, intrusion …)
2. Informations from the sensors and given to the router for analysis
3. Informations given to the User (mobile application)
4. Actions made by the user by the mobile application
5. Processed informations by the router and sent to the Junction box
6. Manual actions by the user in case of defective automatic system
7. Actions from the switches to the junction box
8. Interaction between the Junction box and each element of the house