Flowcharts

Smart Home

Flowchart Elements

Each symbol in a flow chart represents a function or action in the process.

Start/End	This shape marks the beginning or end of a flowchart.
state	This shape represents a state in the entire process.
decision	This shape represents decision points, leading to different paths based on the answer.
Output	This shape indicates the actions of the process.

START

menù

auto — 0 — return on menù

edit — 0 — return on menù

auto branch:
- Temp. > limit → 1 → open window; → 0 → close window
- BTN1 pressed && !inside → 0 → BTN2 pressed && inside
  - BTN1 → 1 → opening Door → lights on → wait 5 s → closing door
  - BTN2 → 1 → opening Door → lights off → wait 5 s → closing door
- accelerometer > limit → earthquake → display alert → red light on → buzzer on → Door open → red light off → buzzer off → display alert off → Previous mode

edit branch:
- lights on → 1 → lights on
- → 0 → lights off → 1 → lights off
- → 0 → open windows → 1 → window open
- → 0 → close windows → 1 → window closed
- → 0 → open door → 1 → door open
- → 0 → close door → 1 → door closed