

Diagram of the FSM Partial Robot Maid mutant 4

Set of inputs : Sleep ; Cook ; Clean ; Dance ; Vacuum

Set of outputs : Going to sleep ; Going to cook ; Going to clean ; Going to dance ; Going to vacuum ; already sleeping

Legend : Input / Expected output

Feature : This robot : - Cannot cook after sleeping

- Cannot vacuum after dancing

- Cannot clean after vacuuming

- Cannot sleep after vacuuming and conversely

- Cannot cook after cleaning and conversely

