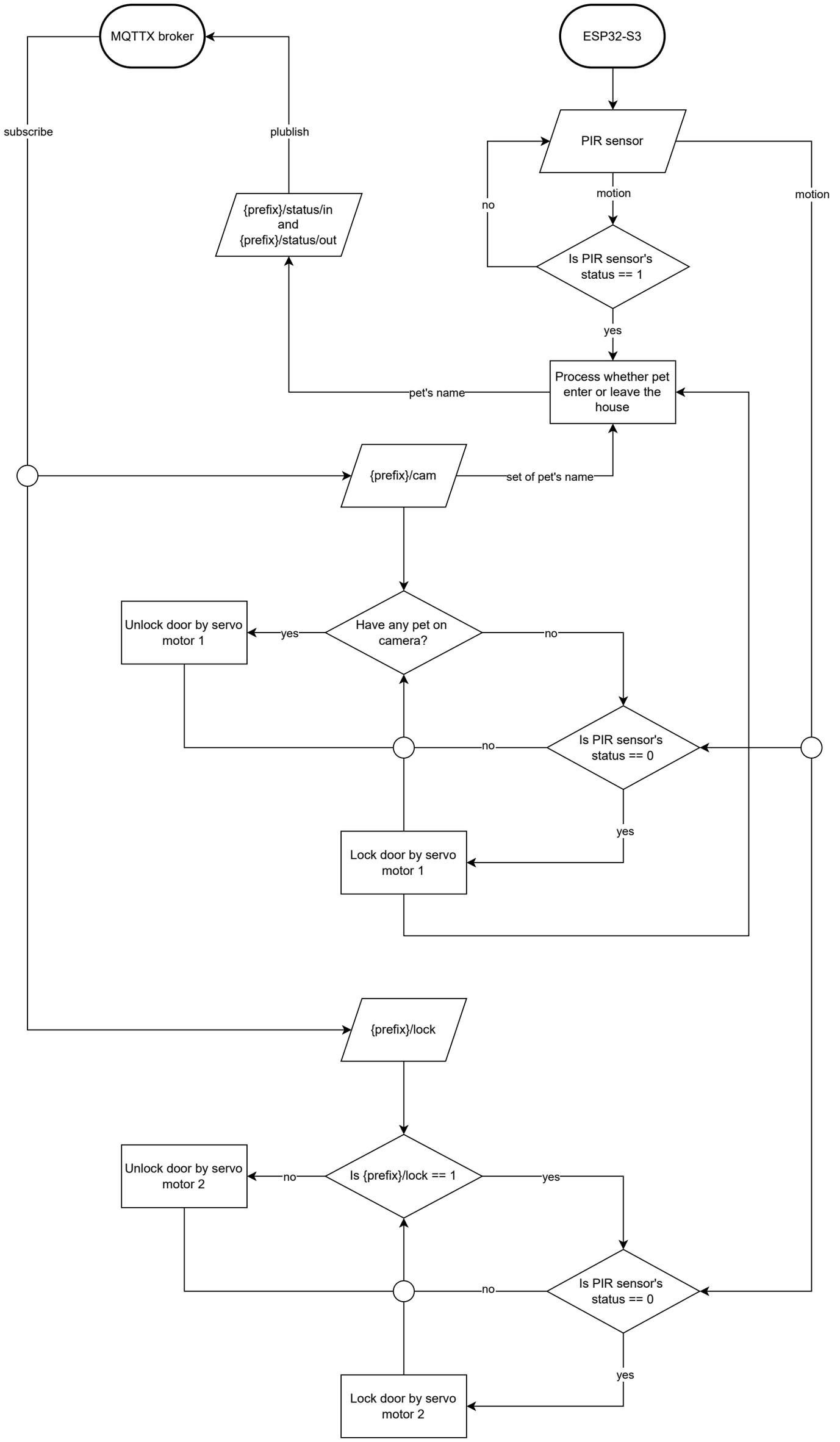
MQTTX broker
ESP32-S3
subscribe
plublish
PIR sensor
{prefix}/status/in
and
{prefix}/status/out
motion
motion
no
Is PIR sensor's
status == 1
yes
Process whether pet
enter or leave the
house
pet's name
{prefix}/cam
set of pet's name
Unlock door by servo
motor 1
yes
Have any pet on
camera?
no
no
Is PIR sensor's
status == 0
yes
Lock door by servo
motor 1
{prefix}/lock
Unlock door by servo
motor 2
no
Is {prefix}/lock == 1
yes
no
Is PIR sensor's
status == 0
yes
Lock door by servo
motor 2