Sensor_exit=1

Sensor_entrance=1

WAIT_PASSWORD

IDLE

Correct password was entered

Wrong password was entered
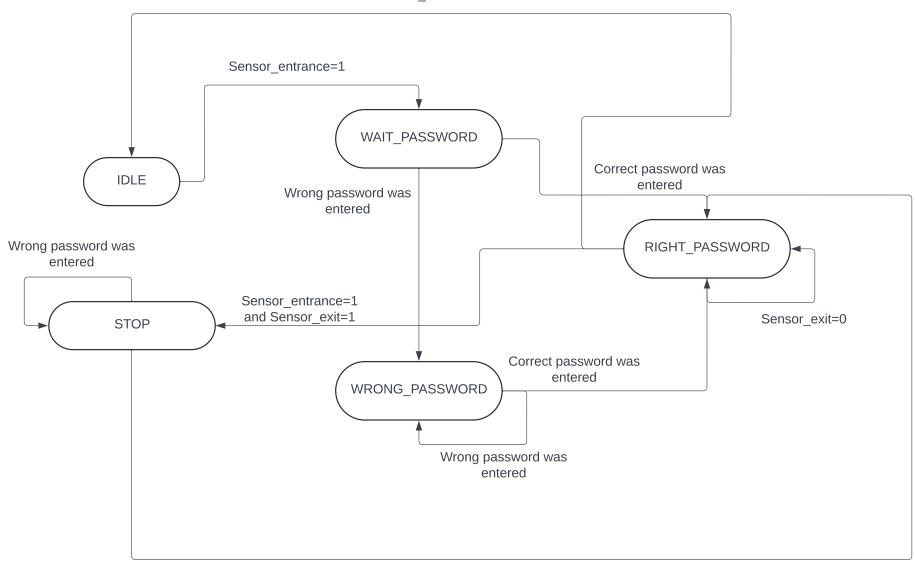
RIGHT_PASSWORD

Wrong password was entered

STOP

Sensor_entrance=1 and Sensor_exit=1

Sensor_exit=0

Correct password was entered

WRONG_PASSWORD

Wrong password was entered

Correct password was entered