**Smart door opening system**

**Software Installations:**

1. **Update Raspberry Pi**

sudo apt-get update

sudo apt-get upgrade

1. **Install python and pip if not installed**

Sudo apt-get install python3 python3-pip

1. **Install required python packages**

pip install RPi.GPIO

pip install pad4pi

1. **Create a project directory**

mkdir smart\_door cd smart\_door

**Project setup:**

1. **Create the main python file:**

Smart\_door.py 2. Copy the code into this file.

**Running the project:**

1. **Start the system:**

Python3 smart\_door.py



**Screenshots:**

