9. Set APP handle control process

9.1 What is the self-starting APP program after booting

The TF card in the DOGZILLA shipping list comes with its own system files, after users insert this TF card into the Raspberry Pi board, and turn on the power switch. The operating system will start, and the APP and handle remote control process will also start.

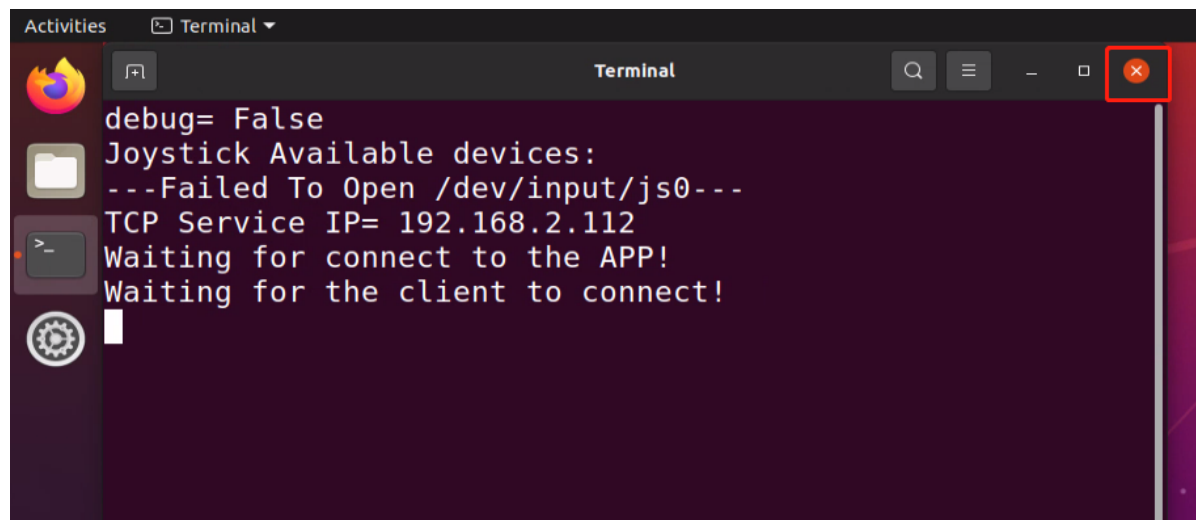Users can directly use the APP or the handle to remotely control the robot dog.

In order to prevent the APP remote control process from occupying hardware resources and other functions cannot be used normally, we need to close the APP remote control process before running a single code.

9.2 Temporarily close APP control process

If you have a display screen and a mouse and keyboard, log in to the desktop after connecting.

If you didn't have display screen, mouse and keyboard, please use a computer in the same local area network to open the VNC Viewer software and log in to the desktop remotely to enter the desktop.

After entering the desktop, you can see a terminal, click the X symbol in the upper left corner to close the terminal to close the large program. Sometimes you may be prompted that closing the terminal will close the running program, and you can choose to confirm to close.
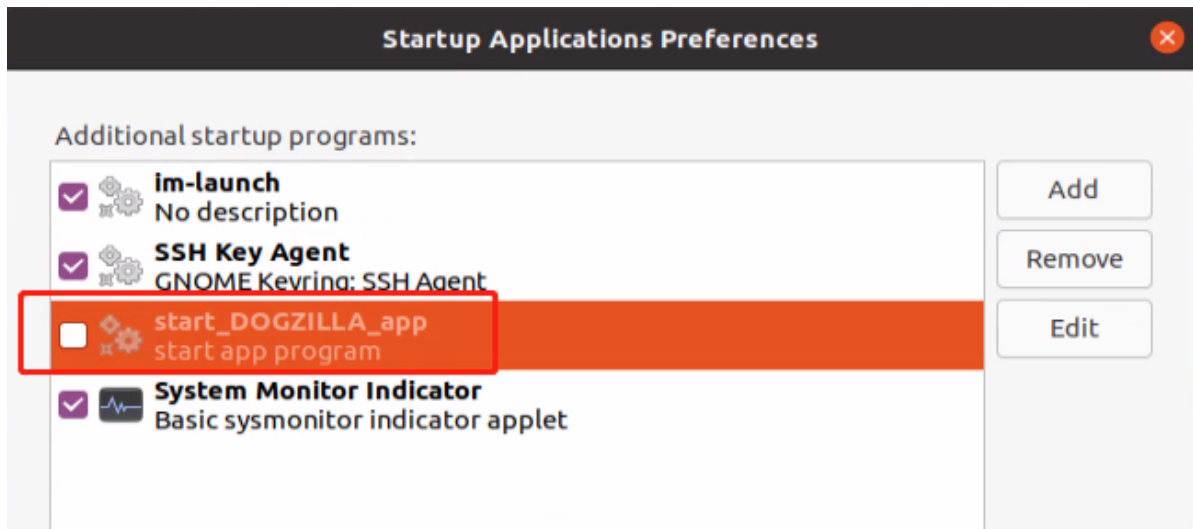

If there is no desktop environment, you can also run the following command to forcibly close the APP control process.

```
sh ~/DOGZILLA/app_dogzilla/kill_dogzilla.sh
```
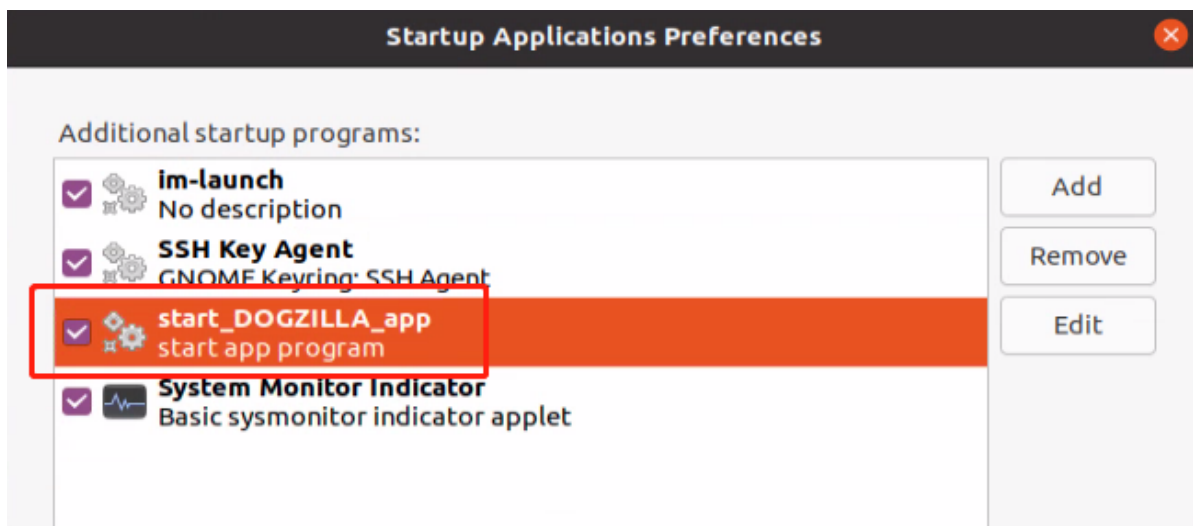
9.3 Permanently close APP control process

1. Close APP control process according to the [9.2 Temporarily close APP control process].

2. Open the application of the Ubuntu system, search for "Startup Applications", remove the check mark in front of start_DOGZILLA_app, as shown in the figure below, you can permanently close APP control process.

9.4 Set the APP control process to start automatically after booting

Open the application of the Ubuntu system, search for "Startup Applications", and tick the box in front of start_DOGZILLA_app, as shown in the figure below, the APP program will be automatically launched the next time robot is turned on.

9.5 Temporarily start the APP control process

Open the system terminal first, then input following command, and press the Enter key to run this process.

```
python3 /home/pi/DOGZILLA/app_dogzilla/app_dogzilla.py
```