Documentation

**Server**-Cloud(DigitalOcean – Cpaston)

1, turtlebot (Running Ros)

Using Screen

Screen -ls(show what have on the screen)

Screen -r … (to the screen)

Control + a and control + d (exit the screen)

-roscore:

roscore

-unity(ros-bridge):

roslaunch file\_server ros\_sharp\_communication.launch

2, plant (Flask Server)

**iPhone**(face-detection) – running first

socket-io

**iPad** (Vuforia) – running first

socket-io

**Turtlebot** --after running unity

ssh pi@192.168.0.20 (Can be change)

nano ~/.bashrc(change IP)

pass: turtlebot

Run: roslaunch turtlebot3\_bringup turtlebot3\_robot.launch

Close: sudo shutdown -h now