Practical 5
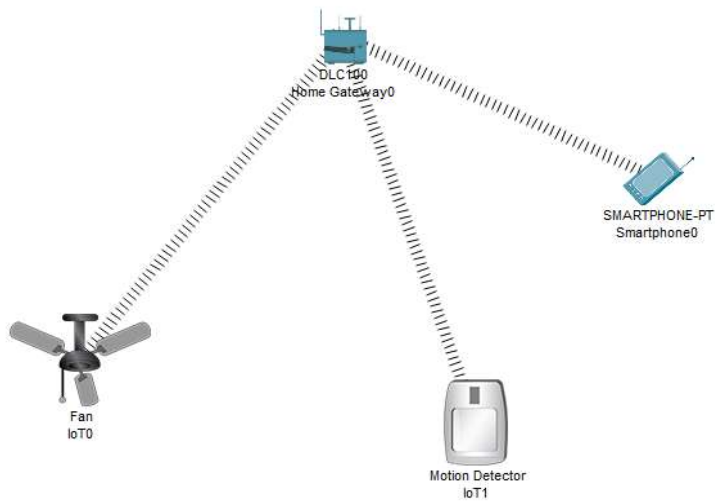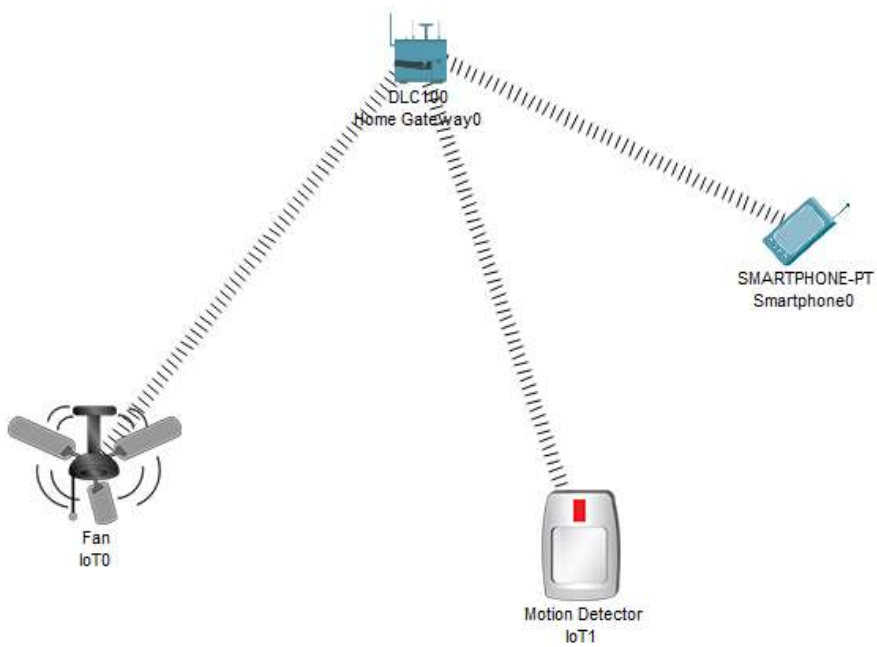
Aim : **Simulate Mobile Adhoc Network with Directional Antenna.**

Steps:

- Select the fan and go to config and set IP4 and IP6 to DHCP then select "IOT server" as Home gateway
- Go to "Advance" then I/O config select Network Adapter as PT-IOT-NM-1W
- Then select the Motion Sensor, go to config set IP4 and IP6 as DHCP and set IOT server to Home gateway
- In advance set Network Adapter as PT-IOT-NM-1W
- Select smartphone and set SSID same as the Home Gateway, probably it will be "HomeGateway"
- All devices should be connected now
- Open the web browser in smartphone, enter username and password as "admin"
- After logging in go to conditions, add a rule when the motion detector is high then it turns on the fan, and when there is no motion it turns of the fan.

Actions		Enabled	Name	Condition	Actions
Edit	Remove	Yes	Fan-On	SENSOR On is true	Set FAN Status to High
Edit	Remove	Yes	FAn-OFF	SENSOR On is false	Set FAN Status to Off

- To turn on the fan press the "Alt" key and hover over the motion sensor with your mouse.