

Experiment - 19

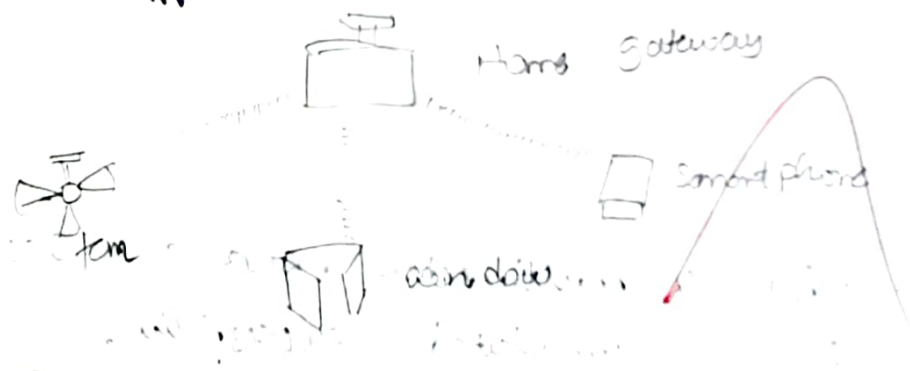
IoT Based smart home applications

Aim: To implement IoT based smart home application in Cisco Packet tracer

Software: Packet tracer, Hubs, Connectors

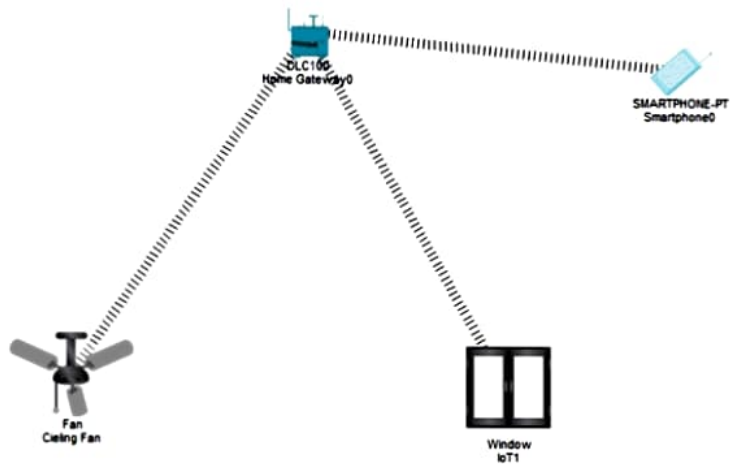
Procedure

1. Create a network topology
2. Configure the IoT devices with appropriate IP address.
3. Setup Communication protocol between Services
4. Use Gateway to process the data & send Servers
5. Use gateway to process the data & send Commands to actuators
6. Finally, use a web interface, or mobile application



Result

Thus IoT based smart home application in Cisco Packet tracer is implemented successfully.



Smartphone0

Physical Config Desktop Programming Attributes

IoT Monitor x

IoT Server - Devices Home | Conditions | Editor | Log Out

- ▼ Ceiling Fan (PTT0810AK85) Ceiling Fan
Status
- ▼ IoT1 (PTT08101F4S) Window
On