Task: Design a smart home network and discuss the process of adding a device in home network in your own words as discussed in the Packet Tracer

Solution: Step 1: Open the Smart_Home_Network.pkt file a. Open the Smart_Home_Network.pkt file. b. Save the file to your computer. Step 2: Explore the Smart Home Network a. Explore IoT end devices. At the bottom left corner of the Packet Tracer window, locate and click the [End Devices] icon in the top row, and the [Home] icon in the bottom row of the Device-Type Selection box.

across the bottom of the Packet Tracer window, the tool-
particular choice box presentations the numerous
distinctive clever home IoT gadgets available.
move the mouse pointer over every device and observe that the descriptive call of
the device is displayed
at the bottom of the tool-particular choice box. Take a moment to examine every tool type.

Step 2: When you place your curser over a device, such as the Smart Fan, an informational window opens containing basic network information about that device.
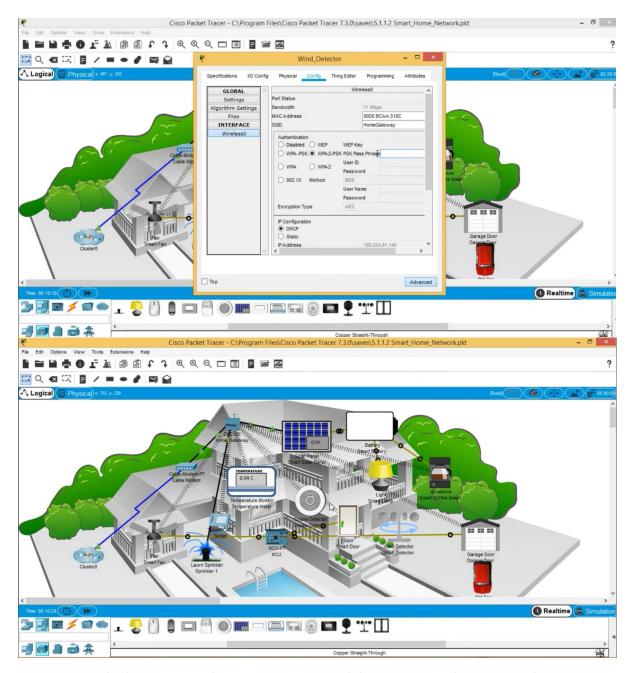
To turn on or activate a device, simply hold down the Alt key on the keyboard and then left-click the device. Try this on each of the smart devices to observe what they do. The smart home network also consists of infrastructure devices such as a home gateway. Click the Home Gateway icon to open the home Gateway window.

Part 2: Add Wired IoT Devices to the Smart Home Network Step 1: Cable a device to the network a. In the Device-Specific Selection box, click the Lawn Sprinkler icon and then click in the workspace where you would like to locate the Lawn Sprinkler. b. Cable the Fire Sprinkler to the Home Gateway. In the Device-Type Selection box, click the [Connections] icon (this looks like a lightning bolt). Click the Copper Straight Through connector type icon in the Device-Specific Selection box. Then click the Sprinkler icon and connect one end of the cable to the Sprinkler's FastEthernet0 interface. Next, click the Home Gateway icon and connect the other end of the cable to an available Ethernet interface

Step 3: Experiment by adding other types of IoT devices to the smart home network. Add Wireless IoT Devices to the Smart Home Network

Step 1: Add a wireless device to the network d. In the Device-Specific Selection box click the Wind Detector icon and then click in the workspace where you would like to locate the Wind Detector.

. Add wireless module to the Wind Detector. Click the Wind Detector icon in the workspace to open the IoT device window. In the bottom right corner of the IoT device window, click the Advanced button. Notice more tabs become visible at the top of the window. Click the I/O Config tab.

the home network Home Gateway and the WPA2-PSK bypass word
mySecretkey for destiny reference.