**Smart-City-and-Healthcare-Management-using-IoT**

We are going to make a small city, consisting the following things:

**Smart Home**:

This smart home will consist smart home security, smart home resource management, smart energy usage.

**Smart Road System**:

Smart Road System will have smart traffic system, smart lighting, smart parking.

**Smart Clinic**:

Basically, our smart hospital system is going to provide smart healthcare to the patient by monitoring their health condition (data will be collected from a smart watch).

**Smart Industry**:

Our smart industry will consist smart energy usage, smart employee management and automated industry facilities.

# **Home gateway and Registration server**

Either a Home Gateway device or a remote registration server is used to connect and control smart devices.

**Home Gateway and their features**:

The Home Gateway device acts as a local connection to IoT smart devices. This device was designed to provide Internet access, wireless connectivity, and local logic for smart devices. The Home Gateway device provides an IoT registration service that is always turned on and an auto discovery service for Things in the local Ethernet and wireless network. Once connected to the home gateway, the user can control and monitor the smart devices from their smartphone, tablet, or PC.

**Registration server and their features**:

IoT devices can also be registered to a dedicated Registration Server for remote monitoring, configuration, or programming. The dedicated registration server has the benefit of being able to provide many other services to your network, such as Web, DHCP, DNS, email, and FTP.

With a dedicated server, IoT devices would first be connected to a wireless network and would then be configured to register to the server.