ASSIGNMENT-1

List out 20 use cases of the Internet of Things.

IoT applications/use cases

Smart cities

1) **Outdoor surveillance**
2) **Smart lighting**
3) **Electronic Road Toll Collection and Traffic Management**
4) **Noise monitoring**
5) **Waste management**
6) **Structural health monitoring**

Water management

7) **Smart irrigation**
8) **Leakage management**
9) **Water quality management**

Digital health

10) **Fall detection**
11) **UV radiation detection**
12) **Remote patient monitoring**
13) **Companion robots**
14) **Medical fridges**

Smart homes

15) **Remote control appliances**
16) **Home Intrusion Detection Systems:**
    - **Smart lock**
    - **Motion detection**

Smart logistics

17) **Fleet tracking**
18) **Automated and connected vehicles**

19) **Platooning**

Smart factories

20) **industrial process automation/optimization**
21) **energy management**
22) **predictive maintenance**
23) **enterprise asset management**