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**ASSIGNMENT-1**

**List out 20 use cases of the Internet of Things:**

The Internet of Things, or IoT, is a concept that involves the usage of physical but internet-enabled devices, between which communication takes place through wireless networks. IoT and its applications are being used increasingly in multiple fields. Globally, 127 IoT devices are connected to the internet every second as per [**McKinsey**](https://www.mckinsey.com/industries/semiconductors/our-insights/whats-new-with-the-internet-of-things).

1. Enterprise Asset management

### Predictive maintenance

### Industrial process automation/optimization

### Energy Management

### Outdoor surveillance

### Smart lighting

### Electronic Road Toll Collection and Traffic Management

### Smart parking

### Noise Monitoring

### Structural Health Monitoring

### Waste Management

### Smart Irrigation

### Medical Fridges

### Patient Surveillance/Remote Patient Monitoring

## **Smart Homes**

### Smart Grid

### **Autonomous and Connected Vehicles**

### **Smart Watches, Fitness Trackers, Wearables and “Hearables”**

### **Drones on the Rise**

### **Companion Robots**