SmartBridge Externship Program

Internet of Things

Assignment 1

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List out 20 use cases of the Internet of Things.

IoT based technologies have a lot of different applications. The technologies are used in process automation, home automation, smart cars, decision analytics, and smart grids. The list of **IoT** applications will grow as the technology evolves in the years ahead. Some of such examples are listed below.

IoT Examples

- Vehicle diagnostic/monitoring such as battery monitoring, tire pressure monitoring, driver monitoring or simply vehicle tracking.
- Elderly Care Monitoring
- Bike Helmet Crash Sensors
- RFID Smart Guns
- Automated drones for surveying farms
- Wi-Fi Type Writers
- Precision farming livestock monitoring, irrigation management
- Smart Smoke Detectors
- Air Quality Sensors
- Smart Fire Extinguishers
- Flood Alert Sensors
- Connected traffic (smart parking, traffic management)
- Home Energy Monitoring and Control

- Smart Door Locks
- Concrete Infrastructure Monitoring
- Soil monitoring
- Predictive machine maintenance
- In-store digital signage, customer tracking and engagement, goods monitoring and inventory management and smart vending machines