ASSIGNMENT-1

20 USE-CASES OF INTERNET OF THINGS

1.Factories-eg:operations management,predictive maintenance

2.Drones for industrial and search and rescue operation

3.Concrete infractructure monitoring

4.Flood alert sensors-we can rescue the people beforehand in the areas

5.Smart fire extinguishers

6.Elderly care monitoring

7. Warning pollution level(monitoring the pollution levels)

8.Machine to machine connected devices

9.Health care-continous glucose monitoring system

10.Smart agriculture-smart sensors for irrigation systems to reduce water consumptions,soil monitoring

11.Optimizing the power grid

12.Using sensors to make driving safer-to avoid car accidents

13.Product development -quality analysis,product usage analysis

14.Electronic road toll collection and traffic management

15.Finance-using IoT customer data can help banks identify the business needs of their value chain for example retailers ,suppliers,and distributors.the data also helps banks to gain customer insight

16.Waste management

17.Connected supply chain-for keeping track of inbound and outbound shipments for location related information and critical in-transit parameters such as temperature

18.Lower environmental impact,CO2 and fuel costs-

By monitoring tire pressure and other vehicular states in real-time, a company can ensure that its fleet is properly maintained, that vehicle issues are addressed proactively or identified and resolved quickly, and decrease its environmental impact as well as its fuel expenses

19.Improve safety,decrease accidents at workplace-By monitoring machine performance and operator behavior with IoT and CSX, a company can identify the causes of workplace injury early and take immediate preventive action

20.Education-IOT devices give students better access to everything from learning materials to communication channels and they give teachers the ability to measure student learning progress in real-time