Assignment – 1

Name   : V Surya Kumar
Reg. **No**.   : 19BCE10286
Application ID: SPS_APL_20210013738

Q. 20 use cases of the Internet of Things.

1. Controlling lights at home from phone.
2. Controlling the temperature of appliances remotely.
3. Smart door locking systems.
4. Purifying the indoor air using air quality sensors at home and public places.
5. Motion Detection alerts using cameras and sensors.
6. Outdoor surveillance using sensors and AI.
7. Smart lighting at streets and cities.
8. Activity tracking gadgets for children(wearable smartwatches).
9. Fitness tracking gadgets for adults.
10. Body tracking gadgets for medical patients (wearable).
11. Goods or products tracking.
12. Mini Robots for day-to-day activities.
13. Water/Food quality detection using sensors.
14. Smart Water level controlling on water tanks.
15. Smart cleanliness indicators for maintaining the hygiene at public places.
16. Noise monitoring devices at schools to maintain the discipline.
17. Noise monitoring devices to detect the vehicle surpassing the noise limit of horns.
18. Density based traffic management system at cities (Time frame according to the traffic at that particular lane).
19. Devices to Periodically check the quality of the machines at industries.
20. Drones for variety of purposes.