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**A Trust Management Model Based on Fuzzy Reputation for the Internet of Things:**

There are many things that connected to the internet not only mobile and computers but also security cameras, car, GPS, heating system, IP cameras sp there are many things that connect to the internet so the collection of these things is known as the Internet of Things.

There is a system called "SERVO" which is based on artificial intelligence that sensor talking to people and gives the warning like the robot and that sensor is connected to the internet. There are many advantages and disadvantages of that sensor network because anybody can hack and control the whole system and the advantage is sharing of information is very easy.

Cyber-Physical System (CPS) is a program deal with self-driven cars autonomous unmanned vehicle and aircraft navigation systems. It is a high-level advanced technology that is going to help us with lack of manpower. It destroys the many jobs opportunities when it comes to the market otherwise it is very innovating and great program.

CPS is an interdisciplinary field that deals with the deployment of the computer-based system that does things in the physical world.

Wireless Sensor Networks is a network that holds various sensors and it communicates wirelessly such as movement sensor that gives the information through sensor without wire. It is structured and unstructured WSN. It has characteristics of concurrency processing, security and small radio range WSN communication include Zig bee, blue tooth. The advantage is avoiding a lot of wiring and the disadvantage is getting distraction by various elements.

Fuzzy Logic is a small mathematical method for answering the question with imprecise information. It deals with reasoning that is approximate rather than fixes and precise. It's contracted to traditional logic theory where it is only true or false fuzzy logic deals in between. Decision support system is the expert systems that are based on fuzzy logic they are interactive software-based systems used to support business and organization decision-making activities.

The Internet gave us the opportunity to connect in ways we could never have dreamed possible. The Internet of Things will take us beyond the connection to become part of a living, moving, global nervous system whether you are an individual, technology developer, or adopter of these technologies, the Internet of Things will stretch the boundaries of today's systems.

