Reemo: Improving the Aging Process

Home automation has been a topic of intense research in the tech industry lately. The most common form of home automation is remote appliance management. For gadget freaks and youngsters of today's generation, their daily chores is made a lot simpler with the touch of a single button on their smartphones or gadgets to manage gadgets that are miles away. The Internet of Things is the mastermind binding the numerous aspects of home automation, such as the hardware, software, the various devices and humans.

In recent times, home automation is a concept that goes well beyond simplifying the lives of the physically abled.

It aims at providing ease of living to the old and physically challenged. One such IoT device is the Reemo, which can be used to control devices using hand gestures.

The Reemo is a wearable device like a wrist watch. By pointing the hand at various devices, they can be controlled. For example, just by flicking the wrist at a lamp, it can be switched on or off or by rotating the wrist at a device such as a sound system, the volume can be increased or decreased.

The Reemo does more than just provide comfort to the elderly. It can further be used in healthcare for patient monitoring.

The device records various data of the patients such as their biometric data, activity levels such as heart rate, blood pressure, their GPS location and so on. This helps the doctors to constantly monitor the patients remotely. Any fluctuation or irregularities in the recorded data can be immediately communicated to the doctors. This ensures that the patients remain healthy and safe and any danger to their health can be addressed and help can be dispatched quickly.

Since IoT systems are connected to multiple devices, security is a major cause of concern in them. However, Reemo is provided with security to avoid being intercepted by unknown users. Reemo devices need to be authorized by the primary user and these devices will not respond to commands from other unknown devices. It also records any unauthorized attempts to log in to the device. Even in the case of a theft of Reemo, all the authorizations and permissions can be completely erased from it using the mobile app.

In today's world, technology has rapidly occupied every step of our lives, making the day to day activities of each and every individual a lot simpler. . Every action taken is governed by some electronic device or gadget. However, with emerging technologies like IoT, it is clear that technology is yet to reach its pinnacle.