

Towards IoT: Development of an IoT Based Smart Elder Care System

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Providing elder care necessitates input from a variety of sources, which the use of digital technology can aid. Both hardware and software are potential technologies that can be integrated into elder care. Some elders spend the last part of their lives alone at home or elder homes. Therefore, elderly people forget their medicine schedules, diet plans etc. So they face various troubles. There are several impacts such as burglary threats, and daily home threats. So, this system built for create a safe zone to elders. These are the focus areas, Comfort, Health, Location, Safety, and Wellness. Monitoring systems for the elderly collect a variety of information, including, movement, temperature, behavioural and sleep patterns, and more. The data provides critical insights into a senior's health and daily life to careers and medical professionals. Depending on the rules of the senior living community, medical alert devices can be utilized at home or in the community. Many have emergency buttons or sensors that detect emergencies such as fires or falls. Depending on the aging monitoring system, calls to the police or caregiver can normally be made directly or indirectly.

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