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A Research on- IoT Based Automated Paralysis Patient Healthcare System

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Abstract: *Paralysis is a severe medical condition affecting millions worldwide, significantly impairing mobility and daily activities. The integration of the Internet of Things (IoT) into healthcare presents an innovative solution to enhance the quality of life for paralysis patients. This paper proposes an IoT-based automated healthcare system designed to monitor and assist paralysis patients. The system incorporates wearable sensors, real-time health monitoring, smart environment controls, and emergency alert mechanisms [1][2]. By leveraging cloud computing, artificial intelligence, and wireless sensor networks, the system ensures seamless communication between patients and caregivers, reducing response time in emergencies [3]. The research highlights the effectiveness of IoT in bridging the gap between patient needs and medical assistance, ultimately improving healthcare accessibility and patient independence [4].*

Keywords: IoT, Healthcare, Paralysis, Caregivers

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