

Heart Attack Detection and Monitoring System using IoT (Internet of Things)

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Abstract: *This report presents a novel Heart Attack Detection and Monitoring System leveraging Internet of Things (IoT) technology. The system utilize various sensors to continuously monitor vital signs such as heart rate, blood pressure, and ECG signals. Real-time data is transmitted wirelessly to a central hub for analysis. Advanced algorithms analyze the data to detect anomalies indicative of a heart attack, trieggring immediate alerts to medical professionals or caregiver. The system aims to provide early detection and intervention, potentially saving lives by enabling timely medical assistance. This research contributes to the growing field of IoT enable HElthcare systems for Proactive cardiac care*

Keywords: Heart beat, Heart rate, IOT(Internet of things), Heart Attack, Micro-controller