



Al-Najah National University



Faculty of Engineering & Information Technology

Computer Engineering Department

Graduation Project 2

Health Monitoring System

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Abstract:

The increased use of mobile technologies and smart devices in the health zone has brought an extraordinary effect on the world's critical care. Health specialists and doctors are using these technologies to create critical changes in medicinal services during clinical settings. Likewise, many users are being served from the upsides of the M-Health (Mobile Health) applications. The main aim of this 'Health Monitoring System' is to build up a system fit for observing vital body signs, for example, body temperature, heart rate, blood oxygen level. The System is additionally equipped for Medication Reminder system. To accomplish this, the system involves many sensors to screen fundamental signs that can be interfaced with the user's mobile. The gadget will exchange the readings from the sensor and the information gathered will be accessible for analysis progressively. It has the capacity of reading and transmitting emergency signs to the user's Smartphone. These readings can be utilized to recognize the health state of the patient and as an alert system against the emergency health condition.