

ABSTRACT

The heart functions to pump blood to all parts of the body. It is very important to maintain heart health, because heart disease is the main cause of death in the world with a figure reaching 17.9 million people or 32 % of the total. Therefore, the authors conducted research on heart rate detection based on IoT. This study aims to detect PQRST signals obtained from heartbeats and can be sent to the internet via IoT devices making it easier to diagnose heart rate abnormalities. Every normal or abnormal heartbeat or rhythm will be recorded by electrodes that can help see signal abnormalities if there is an abnormal heartbeat.

Keywords: Heart, Signal, IoT.