IOT BASED HEALTHCARE MONITORING SYSTEM FOR COVID PATIENTS

ABSTRACT

Project titled IOT BASED HEALTHCARE MONITORING SYSTEM FOR COVID PATIENTS is a device used for Doctors to virtually move around at a remote location to provide treatment for covid patients without any chance of spreading pandemic virus. The system makes use of a movable vehicle with 4 wheel drive for easy navigation. This system also includes a controller box for circuitry and an IOT based panel controller which operates over wifi internet to control the robot. This healthcare monitoring system measures the Temperature, Pressure, Blood Oxygen level and Heart Rate which helps to monitor the health condition of patient remotely. The control commands will be sent online are received by the controller circuit. The received commands are received in real time and the movable motors are operated to achieve the desired movement commands. This will help the future researcher to make an inclusive idea on the use of the said technology in improving the healthcare services in the future.

BLOCK DIAGRAM