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needs to be done remotely. This provides higher level of

control and enables more rational work.

**ABSTRACT:**

This Project describes the development of prototype that enables monitoring of heart rate, oxygen level in blood and temperature of patient. The prototype was done using Bolt Cloud, Pulse Oximeter and Temperature Sensor.

Signal processing algorithm was implemented in Arduino IDE software. The communication between Bolt Cloud modules, arduino nano will be made and the output will be shown at cloud.

**Components Required**

* Bolt Cloud (ESP8266)
* Connecting wires
* SIO2(Pulse Oximeter)
* LM35 (Temperature Sensor)
* Arduino Nano

**BLOCK DIAGRAM :-**

**SIO2 (Pulse Oximeter)**

**Arduino Nano**

**Bolt Cloud**

**ESP 8266**

**Cloud**

**Temperature Sensor**

**Serial Monitor**