**ABSTRACT**

This is an IoT and Cloud based project which includes various sensors, ESP8266, Raspberry Pi, AWS services such as IoT Core, ElasticSearch, Kibana. The programming languages used for building this project are Python 3.0 and Embedded C. The working of the project: Sensors collect the data and send it to ESP8266 which further sends it to Raspberry Pi with the help of MQTT broker as intermediate. Then the data is sent to AWS cloud, stored over there and visualized with the help of visualizing services like ElasticSearch and Kibana. This project can be implemented in ambulance. A doctor can monitor the health of patient while being present at the hospital. Hence, he/she can make necessary arrangements in advance so that the patient can be treated on time.

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