IOT BASED WEATHER MONITORING AND REPORTING SYSTEM PROJECT

PROBLEM STATEMENT

In recent times farming is facing many issues on problems like cropping pattern, weather conditions, humidity, temperature and moisture content in the air.

This is mainly due to lack of modern technologies like Internet Of Things (IOT). There is inefficiency in identifying the problems faced by the farmers during the gestation period in a shorter span of time.

Monitoring of changes happening in the environment is also difficult for the Scientists/Nature analysists. But theses people for from vast areas. So, it is very hard to collect/know the information about the weather of a particular place.

Hence it becomes harder for the scientists to analyse the weather and forecast reports for live updates. In this world SMS based weather monitoring system is also difficult.

ABSTRACT

The IOT based Weather Monitoring and Reporting System project is used to get Live reporting of weather conditions. It will Monitor temperature, humidity, moisture and rain level. Suppose Scientists/nature analysts want to monitor changes in a particular environment like volcano or a rain-forest. And these people are from different places in the world. In this case, SMS based weather monitoring system has some limitations. Since it sends SMS to few numbers. And time for sending SMS increases as the number of mobile numbers increases. In order to know the information about weather of a particular place then they have to visit that particular sites. Where everyone can see it.

BLOCK DIAGRAM