

# MEDICARD

## PROBLEM STATEMENT:

Maintaining sequential order of medical reports and carrying it is the major problem and improper medication at emergency cases without knowing the drugs they are consumed also lead to loss of lives. There is no awareness about the fast spreading disease because of late analysis of the disease.

## ABSTRACT:

There is a need for proper database management in all fields and medical fields. It is very important because it deals with the life of people. To overcome this we come up with a project "MEDICARD" - an IOT(Internet Of Things) based RFID( Radio-Frequency Identification) device. MEDICARD is used to access the medical data stored in the cloud database. Our project is very useful in the identification of a fast spread disease in a short period of time. All the medical reports are stored in the cloud database and it is accessed under 4 modes of operation.

Modes of operation :

- Emergency- In this mode, the doctor can access the medical report without the patient. In the emergency situation the medical reports can be viewed and necessary treatment can be done. Medical reports can't be updated.
- Non-emergency- In this mode of operation, the doctor along with the patient can access the medical report. The update can be done in this mode of operation.
- Pharmacy - In pharmaceutical centers the prescribed drugs and disease of the patient can be viewed and help in the supply.
- Scanning centers - In scanning centers only the scanned reports can be uploaded.

By doing this so, proper diagnosis of a disease can be established, standardized in medical databases can be achieved. It should be monitored by Central Drug Standard control organization, CCIM (Central Council of Indian Medicine), Indian Medical Association, Medical council of India. If it is monitored regularly, medical crime rate can be reduced, proper database management is achieved, easy identification of fast spread disease can be noted.

# MEDICARD:

