

Velagapudi Ramakrishna Siddhartha Engineering College**Department of Information Technology**

Class: 3rdYear Section: B Year: 2020-2021

Unique Patient Identifier in Health Care

Motivation:

We know that medical records represent our past medical history which is important for our further medication if we undergo any surgery. In case of emergency situations like accidents, the victim may not have access to his old medical records or even he may not be in a condition to talk about his/her medical history. With this thought, we tried to build a Web application for storing one's medical history using JavaScript and Database in the backend.

Problem Description:

The problem we are trying to address through this project is in case of emergency situations, the doctor may not have complete medical history of the patient he is dealing with. This may lead to wrong diagnosis and treatment, which can cost a life. So our solution provides access to the medical history of every person who stores and updates their medical records in our developed web application.

Social Benefits:

- Medical records can directly get accessed within a short time where medical help is instantly required.
- We can also reduce the pile of unordered medical records in Hospitals.
- We can also add health cards, Insurances, etc for quick accessing.

Innovation and Uniqueness:

We can access the database via fingerprint. When a fingerprint is given as input, the respective data is to be retrieved. There is no such application till now. There are many applications in which a person can store his/her medical info in, but that info is not available to doctor or hospital. But through our application, any doctor/hospital can access one's records with just his/her fingerprint from anywhere.

Feasible Solution:

Our solution includes access to the database at the backend and retrieving the data of a particular person via fingerprint. The database is to be kept in the cloud for easy accessing from anywhere. A person has to enter his/her details in the web application through their PC. They need to update their records time to time.

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