



SMART DISEASE TRACKER

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ABSTRACT

This project provides complete previous prescription details of a patient to the doctors. In this, the doctor will be the user and he will add the details of patient to the database so that the other doctors will have an ability to check the patient previous treatment details. It will be very helpful to the doctors because by checking the previous treatment details, the doctor will provide further treatment. Here, the doctor will upload the patient details to server. After that by using Aadhar number, the other doctor's also will check the patient details by using view profile. If the same patient consults another doctor for treatment, then there is no need to add that patient details because the details are already added. We can directly update the treatment details by using the update button.

As this application provides the information about health reports of patients so the project title is **SMART DISEASE TRACKER.**

INTRODUCTION

This app is mainly useful to the doctors. This app is the perfect replacement for unreliable paper records. With this app, any and all information of patient is kept in one place. At first the doctor has to register and then he has to login in the account. After login the account the doctor will be able to perform

three operations. Those are Upload patient, view profile, update profile.

RELATED WORK

The existing system is only useful for patients. But the proposed one is useful for doctors to verify the patients previous treatment details which will be helpful to the doctors to provide further treatment. By using aadhar number of patients any doctor present in the country can be able to view the patient details.

EXISTING SYSTEM

The existing one is **MY MEDICAL** App. It is a comprehensive record-keeping app for your personal medical information. It's the perfect replacement for unreliable paper records or various electronic systems that hold bits and pieces of your medical history. With **MYMEDICAL**, any and all information that is important to you is kept together in one place.

Disadvantages

- Useful only for patients.
- When the doctor wants to see the records of particular patient it will not be useful.

PROPOSED SYSTEM

The proposed work will be mainly used for doctors. This will store the complete previous prescription details of patients, so that the doctor will be able to verify the records for giving better treatment to the patient.

Advantages

- Any doctor can be able to view the patient health reports.
- There is no limit for adding patients to the database.
- The doctor can verify the patient reports at any and from any place in the country.

IMPLEMENTATION

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.

The implementation stage involves careful planning, investigation of the existing system and it's constraints on implementation, designing of methods to achieve changeover and evaluation of changeover methods. The project is implemented by accessing simultaneously from more than one system and more than one window in one system.

The project contains the following main modules:

1. Login Page
2. Upload profile
3. View profile
4. Update profile

LOGIN PAGE

At the very first time the person who wants to log in has to register in this. Then he has to login to perform various tasks. It contains user id and password.

UPLOAD PROFILE

The doctor will add a new patient to the database with some details like name, age, gender, address,

phone number etc. If the patient has visited for the first time. It also contains note field to add details about patient disease and treatment details.

VIEW PROFILE

This is used to view the patient previous health reports. It will display the treatment details of the patients by using aadhar number.

UPDATE PROFILE

If the patient visits the doctor , the second time, then there is no need to add the patient to the database again. The doctor can directly add the treatment details by using this update profile.

CONCLUSION

This application is mainly useful to the doctor's. This app contains previous prescription details of patients which can be very helpful to the doctor those who are going to treat the patient. The previous details of the patient will be stored in the server, so that any doctor can have an ability to view the patient details.

FUTURE SCOPE

Over the past decade, smart phones have radically changed many aspects of our everyday lives, from banking to shopping to entertainment. Health is next. With innovative technologies, the medicalized Smartphone is going to upend every aspect of health care.

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