**MARWARI COLLEGE**

**RANCHI**

**A PROJECT SYNOPSIS**

**ON**

**HEALTH PREDICATOR**

**SUBMITED BY**

**STUDENT NAME**

**EXAMINATION ROLL**

**DEPARTMENT**

It might have happened so many times that you or someone yours need doctors help immediately, but they are not available due to some reason. The Health Care system is an end user support and online consultation project. Here we propose a system that allows users to get instant guidance on their health issues through an intelligent health care system online. The system is fed with various symptoms and the disease/illness associated with those systems. The system allows user to share their symptoms and issues. It then processes user’s symptoms to check for various illnesses that could be associated with it. Here we use some intelligent data mining techniques to guess the most accurate illness that could be associated with patient’s symptoms. In doctor module when doctor login to the system doctor can view his patient details and the report of that patient. Doctor can view details about the patient search what patient searched for according to their prediction. Doctor can view his personal details. Admin can add new disease details by specifying the type and symptoms of the disease into the database. Based on the name of the disease and symptom the data mining algorithm works. Admin can view various disease and symptoms stored in database. This system will provide proper guidance when the user specifies the symptoms of his illness.

REQUIREMENT SPECIFICATION

**Software Requirements:-**

Client side script : JAVA SCRIPT

Front-End : HTML, CSS

Database : MYSQL

Server Side Script : PHP

Operating System : INDEPENDEN

Hardware Requirements:-

CPU : Minimum 2.0 GHz

RAM : 512 MB

Hard Disk : 300 GB

Monitor : COLOR (1200\*800)

Networking : LAN / INTERNET / INTRANE

MODULE

* **Patient Login: -** Patient Login to the system using his ID and Password.
* **Patient Registration: -**If Patient is a new user he will enter his personal details and he will user Id and password through which he can login to the system.
* **My Details: -** Patient can view his personal details.
* **Disease Prediction: -** Patient will specify the symptoms caused due to his illness. System will ask certain question regarding his illness and system predict the disease based on the symptoms specified by the patient and system will also suggest doctors based on the disease.
* **Search Doctor:-**Patient can search for doctor by specifying name, address or type.
* **Feedback:-**Patient will give feedback this will be reported to the admin.
* **Doctor Login: -** Doctor will access the system using his User ID and Password.
* **Patient Details:** Doctor can view patient’s personal details.
* **Notification:** Doctor will get notification how many people had accessed the system and what all are the diseases predicted by the system.
* **Admin Login:** Admin can login to the system using his ID and Password.
* **Add Doctor:** Admin can add new doctor details into the database.
* **Add Disease:** Admin can add disease details along with symptoms and type.
* **View Doctor:** Admin can view various Doctors along with their personal details.
* **View Disease:** Admin can view various diseases details stored in database.
* **View Patient:** Admin can view various patient details who had accessed the system.
* **View Feedback:** Admin can view feedback provided by various users.

**USER REGISTRATION:-**

**Column Name Type Constraint**

UserID int Primary Key

Name varchar Not null

Address varchar Not null

Mobile varchar Not null, unique

Email ID varchar Not Null, unique

Sex varchar Not null

Age int Not null

**DISEASE INFO**

**Column Name Type Constraint**

Disease ID int Primary key

Disease Name varchar Not null

Symptom of disease varchar Not null

Type of disease varchar Not null

**DOCTER INFO:-**

**Column Name Type Constraint**

Doctor ID int Primary Key

DoctorName Varchar not null

Address Varchar not null

Mobile Varchar not null

Category varchar not null

**Notification:-**

**Column Name Type Constraint**

UserId Varchar Not Null

Symptom List Varchar Not null

Disease varchar Not null

Type varchar Not Null

DateTime date Not null

**Feedback:-**

**Column Name Type Constraint**

User ID int Not null

Feedback varchar Not null

DateTime date Not null

DATA FLOW DIAGRAM (LEVEL -1)

Admin add the Doctor information

Admin add the disease information

Admin, user, Doctor Can

Handle the System

Doctor can view the patient information

User can view the disease according to their symptoms

**DATA FLOW DIAGRAM (LEVEL 1)**

Exit

Invalid Valid

Checking Login

Database

**ER-DIAGRAM:-**

User Registration

HAS A

DoctorInfo

Disease Info

**Online Health predictionsystem**

HAS A

HAS A

Feedback

Notification

**Advantages:**

* User can search for doctor’s help at any point of time.
* User can talk about their illness and get instant diagnosis.
* Doctors get more clients online.

**Disadvantages:**

* The system is not fully automated; it needs doctors for full diagnosis

**LIMITATION**

1. This application has some limitation that there is no full guaranty for a successful prediction, this is only guide for their emergency.
2. There is no solution for any exceptional disease.
3. Without technologies no one can use it.