

Medi-Malady

A Website based on HTML, CSS, JavaScript, MySQL, PHP, JSON

MINI PROJECT (DATABASE MANAGEMENT SYSTEM)

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INTRODUCTION

The Website is built on HTML, CSS and JavaScript, and can be used to provide the right and effective knowledge of disease, nutrients and its diet. Medical Authentication is basically used to give the valid information of the medicine. Our project helps the user to trace the nearby hospitals, doctors and pharmacy according to the location he/she provides.

The software program uses database phpmyadmin to store the database and connection has been made through the PHP in back-end.

LANGUAGES USED

Front End: HTML, CSS, JAVASCRIPT, BOOTSTRAP

Back End: PHP, MYSQL, JSON, API

BACKGROUND FUNCTIONALITY

Webpages are created with the help of HTML, CSS and BOOTSTRAP, designed in JAVASCRIPT and linked by the PHP and database queries run through MySQL. The Header of the site contains link to the pages named by its specialty. Further, database is created manually for the Medical Authentication and Nutrients Required. But for Trace Hospital, goggle API is used for tracing the location of the user. We have used VARCHAR for the details like Disease_type, Nutrients but since Information of the disease required long data we used the data type LONGTEXT in that case, as it stored the long text. In case of Medical Authentication, all the entities has the database VARCHAR and Normalization is used there (3rd Normal Form) since, there can be many user review for the one particular medicine. Moreover, PHP and JSON are used to fetch data from the phpmyadmin database and API respectively.

ANALYTICAL PROCESS

What could be the further use of this Project? Why do we need this project? Many questions arise when we do the analytical process. Basically for the research purpose, it would be helpful when any researcher need to review the particular medicine so; it will provide him the useful details and reviews of the particular medicine.

LIMITATIONS

The software has its limits until the development phase that the API is used in limit; we can expand it much for disease and medical authentication. In the beginning, the review of the user will also be less so we can't provide the user with efficient reviews to catch up the medicine. The name of diseases and medicines are also in limited number in the database.

SUMMARY

Our Project basically works on the motto "Prevention and cure together". With the help of Mark-Up Language we have created the project and used the database MySQL in back-end. User can get the detail of a particular medicine, review it, and get the information of the disease, nutrients required in that disease and diet. Nearby location trace method is the best we can have in our project Medi-Malady. Summed up it has all the basic need a Medical website requires.

REFERENCES

Source of Information:

Medical Authentication: API and Manual Data entered from Internet

Nutrients Required: Manual Data entered from Internet

Trace Hospitals, Doctors and Pharmacy: Google API