

Code Innovation Series, KIIT

Team : qwerty

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Domain : HealthTech

Problem Statement :

India is a hotbed of tech innovations and startups across the world. Tech-equipped medical devices and the development of top-notch technology for critical ailments such as heart diseases, diabetes, and cancer are already bringing laurels to Indian health-tech startups

Creating solution to deal with the major challenge faced by the patients:
Enabling a patient-centered information exchange system.




Introduction

Personal health information is not utilized to its full potential to support effective and efficient care due to fragmented information creation and storage. Health information systems are typically isolated, within hospitals, physician practices, laboratories, or pharmacies.

We are approaching the problem statement by creating a web based application where a user, possibly a patient, can ask for queries regarding any health related issue and other users across the platform can give their opinions. The suggestions / opinions given will be authenticated. The platform will have a simple user interface. The diseases that are more common will appear in a personalized choice section. The posts (suggestions) of users will have an upvote and downvote feature to suggest the popularity.

In this way we are creating a safe space for users to interact with each other. It happens many times that it is not worth requiring visit to a hospital or vice versa. In both cases, it will be helpful to hear from other people who have had the same experience in past.



Features of web app

Login - The **login page** will allow a user to gain **access** to this application by entering their username and password or by authenticating using a social media login.

If the user is not registered, he/she has to create an i'd first.

Once the user has logged in successfully, a set of topics will be displayed. The user has to choose at least 7 topics of his choice which will keep him updated about the recent posts, trending posts etc.

Now, the user is all set to interact with others.



A question answer portal - Users can ask any question related to healthcare like information of best cancer hospital, best neurosurgeon nearby etc.

But , they need to authenticate themselves before answering a question in order to avoid any fallacious information in the website.

Users can also rate a doctor or hospital in a particular domain.

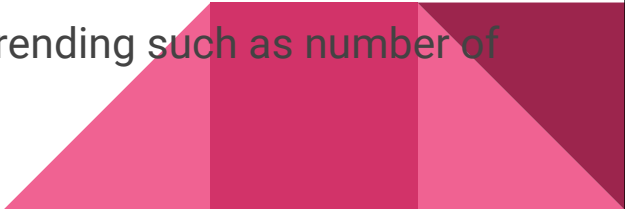
Suggested Discussions - Discussions related to a user previous searches and interests will be mentioned

here in order to make this a platform as relevant as possible to users.

Relevance of a topic would be measured on the basis of the topics he has posted or liked earlier and many other parameters.

Trending Discussions - The trending topic where a user is interested in is mentioned to keep him updated about the recent happenings.

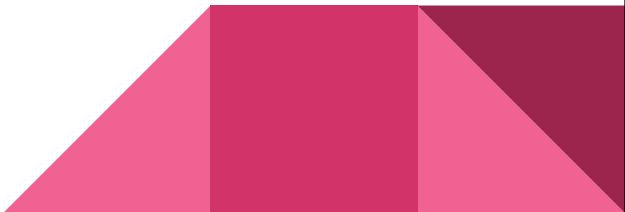
A lot of factors would contribute in order to make a discussion trending such as number of likes, comments, views etc.



Personalised Choice

Personalized search is web search results that are tailored specifically to an individual's interests by incorporating information about the individual beyond the specific query provided.

Examples

- Covid
 - Fitness
 - Diabetes
 - Cholesterol
 - Thyroid
- 


Posts

What are the symptoms of COVID-19?

The most common symptoms of COVID-19 are

- Fever
- Dry cough
- Fatigue

Other symptoms that are less common and may affect some patients include:

- Loss of taste or smell,
 - Nasal congestion,
 - Conjunctivitis (also known as red eyes)
 - Sore throat,
 - Headache,
 - Muscle or joint pain,
 - Different types of skin rash,
 - Nausea or vomiting,
 - Diarrhea,
 - Chills or dizziness.
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Q: Can an alcohol body odor, profuse sweating, constant desire for sweets, and constant thirst be signs of diabetes?

A: When there is excess sugar circulating in the bloodstream, not getting into the muscles because of insufficiency or malfunctioning of insulin, the body may begin to break down fat at a rapid rate to provide energy to "hungry" tissues. This can cause the odor you are referring to. The other symptoms you describe can also indicate high blood sugar. I suggest you see your physician ASAP.

