RapiDoc

RapiDoc is an online platform which enables users to get quick access to information regarding health care facilities and much more. It enables users to get quick access to information about their nearest hospitals. It aims to improve access to quality healthcare and addressing health-related challenges. It promotes betterment of society. This idea is being thought of in order to help suffering patients or nowadays many accidents occur and due to many reasons, one can't save a life of a person due to reasons like we don't have bed, traffic and many more. It helps to provide services based on data of hospitals like number of beds available, blood group available in hospitals, etc.

Our prototype, which features the RapiDoc platform, is a simple and easy to use website with minimalistic design and a user-friendly interface. The website is supported by all devices.

Unlike any other healthcare website, our website is one of the first dark-themed healthcare websites, which is different from the conventional blue-green colour scheme. We have added this feature keeping in mind the 'eyecare' of our users.

Homepage

The website, when opened, takes the users to the home page where the top right panel has tags for easy redirection. The user doesn't have to locate anything, they can simply redirect themselves to the section required. Social media handles for the platform are mentioned too. Upon scrolling a bit further the users get access to some main features of our website:-

1) Find doctors
2) Locate hospitals
3) Skip the OPD lines
4) Hospital info

The 'About Us' section

It would feature a video guide on how to use the platform features efficiently. This is still under processing and is not displayed yet in the prototype, hence, for now the idea submission round video is displayed in that section.

Based on users' current location, the website displays the number of doctors, hospitals, beds and available and user ratings within a radius of 5km.

The 'Services' section

This section displays our six primary services which include:

1) <u>Locating</u> hospitals and clinics around user
2) <u>Online registration</u> to avoid long waiting hours at hospitals, especially government ones.
3) <u>Availability status</u> of beds, blood groups and vaccinations available in the hospitals
4) <u>Pharmacy services</u>: helping user find medicines at best price in a hassle-free manner
5) <u>Newsletters:</u> user will have access to daily newsletters
   Here we plan to collaborate with organisations like Healthline and The Mayo Clinic which produce top quality newsletters about symptoms, precautions and medical suggestions.

6) <u>User benefits</u>: regular users will have early access to health benefits and opportunities like information about bootcamps, free health check-ups, polio vaccination drives, blood donation camps and many more.
7) Make an appointment: the users can make an appointment from the list of doctors available.

Below services is a map which allows user to select hospital and know hospital stats.

Business impact
The model aims to gain revenue by:

1) <u>Listing</u> private hospitals, clinics and on the go doctors.

2) <u>Partnering</u> with organizations like Healthline or Mayo Clinic for newsletters.

3) <u>Subscription</u> based Yoga and meditation courses.

Future scope
Some features that can be added in the future are:

1) A reward-based system for users. On each newsletter read they receive a coupon or benefit which acts as incentive for them to read more articles in future.
2) Enabling a review system where patients can share their experience with the doctor.
3) One general health tip displayed to user each time they open the platform
4) Adding ambulance availability features

To conclude, the platform aims to simplify all issues which can lead to fatalities.

Functionalities of RapiDoc
The following thesis gives a detailed overview of our platform:

PROBLEM STATEMENT 1- **Long queues for registration in Outpatient Department (OPD) and patient verification, when patient needs quick assistance.**

SOLUTION STATEMENT 1- **Online registration for all hospitals, clinic and path labs tests is particularly based on OPD section. Long waiting for check-ups are tiresome as suffering patients have to line up for it. To overcome this, we will provide online registration for the OPD section.**

PROBLEM STATEMENT 2- **Lack of knowledge of beds available which proved to be fatal during COVID-19.**

SOLUTION STATEMENT 2- **Availability of beds is unknown. So, we display the number of beds available in the hospital so any emergency case would not suffer.**

PROBLEM STATEMENT 3- **No data on what type of blood group available in a particular hospital and blood bank labs.**

SOLUTION STATEMENT 3- **We will also provide the blood type available in each hospital and blood bank labs for a smooth and convenient experience.**

PROBLEM STATEMENT 4- **Difficult to find the best nearest hospitals, clinics and labs near you requires too much scrolling, which results in time wastage.**

SOLUTION STATEMENT 4- **It is difficult to differentiate on a map whether the hospital is a government or private sector or a clinic and also which hospital has its specialization in which particular topic. To overcome this problem, we will provide you with the interface of the map where you can browse your closest hospitals and clinics with differentiability available.**

PROBLEM STATEMENT 5- Deficient of medicines and are in urgent requirement. Patients suffer because of unavailability.

SOLUTION STATEMENT 5- RAPIDOC will provide you 24*7 services regarding medicine, medical equipment, machines like Blood Glucose Monitor, and many more.

PROBLEM STATEMENT 6- Users require information based on different symptoms of any disease, question based on precautionary measures to be taken and the particular disease or problem faced by the patient which require a lot of searching over the internet.

SOLUTION STATEMENT 6-With chronic disease like diabetes, thyroid and cholesterol becoming common, we will provide you up to date newsletters about the symptoms of a particular disease, precautionary measures, y*oga and meditation* which helps you to overcome it, suitable diet plans etc.

PROBLEM STATEMENT 7-Nowadays very few people do the required body checkup due to the high cost of the checkup or maybe due to lack of unawareness.

SOLUTION STATEMENT 7- Apart from the time saving features, regular users who book through our portal get benefits like free health check-ups by affiliated hospitals.