**Team : HOLOWITZ WOLOWITZ**

**Documentation**

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**HealthTech**

Our topic: “Enabling a patient-centered information exchange system”.

**Description :**

We are designing an website that can be converted in app after its sucessful performance on a specific group of people. As we know that we are fighting against the pandemic and in this pandemic the connection between our loved ones is lost , as we have to be away from each other. We can’t greet anyone, social distancing at its best and many precautions that is important for now, but its detoriating the Social Life. One more relation is disturbed by this pandemic i.e., An Doctor - patient relationship. Well this website will help in to improve the the Doctor - patient interaction in this pandemic and even in post pandemic, it will be usefull for easy access to your own choice of Doctor.

In the beginning of our website, we are going to start with the Registration of the Doctors and patients separately.

So, in the registration of Doctor in the website , the site will be needing the information for transparency of the website. “ **More the transparency, more the trust”.** The information that will be needing by the doctor :

1. Name
2. Contact number
3. Email
4. Password
5. Confirm password
6. Address of the Hospital in which the Doctor works
7. Documents for verification of qualification and License ( degree )

In the regsitration of Patients in the websites, its the patients resposibility to give as much information as they can. So that it will become easier for the Medical facility of the website to understand your health conditions. This information is important and website will make sure of helping the patients by giving the best cure if there diseases. The information of the patients that will be needed by the website:

1. User name
2. Contact number
3. Patient Age
4. Email
5. Password
6. Confirm Password
7. Complete Address of patient
8. Documents for verification ( aadhar number, voter card number )
9. Medical History ( in detail )
10. Mention any Medicine consumption ( if any )

**AFTER LOG IN PROCESS OF THE PATEINT**

The website is going to work in two different situations.

1. In emergency situation
2. Emergency cases that can be treated on the spot
3. Emergency cases that has to treated in hospital
4. In normal check ups/ non- reactive situations

**IN EMERGENCY SITUATION:**

The response of the website has to be efficient and beneficial for the patient. And this website prooves its eficiency in emergency situations.

For example, if there is electric shock to a person while operating his electric iron. Due to that shock, he gets fainted and his breathing get stopped. So, now the **website**  will play its role. The registered patient will immediately click on the CONNECT tab and the website will quickly connect the partient with the available Doctor which are registered in this site. After they connected, the doctor can be with the patient on audio or video call according to there need. And the doctor can give the necessary instruction to that person for the first aid. And as in this case , the doctor will suggest the CPR to the patient and by this his life can be saved.

It is not necessary that every emergency cases can be attended on the spot. So, if there is anything that happened and that not be cured by doctor assistance on video and audio call, then the site will help in providing the location of nearest hospital to them and also this website will help the patients to get the appointment in the hospitals.

**Website will be connected to all the hospitals**

**IN NORMAL CHECK UPS/ NON REACTIVE SITUATIONS :**

In normal check ups , the registered patients can choose their choice of doctors. The site will help by suggesting the doctors by their types of need.

The patient can have the conversation with the doc using chat, audio call or video call.

This website will make the job of doctor more easier by providing them the medical history, any medicine consumption by the patient, age , etc., info that the website has taken from the patients after the regustration process.

The website is also a source of information and expiriences of the Doctors. They can upload articles on their study in any medical field, they can share ideas to live fit and healthy, info on different diseases and more according to their knowledge.

**CONTENTS OF THE PROJECT DIRECTORY:**

1. contact.html
2. emergency.html
3. firstaid.html
4. home.html
5. login.html
6. login1.html
7. login2.html
8. ourdoctor.html
9. reg2.html
10. registration.html
11. Untitled design.png
12. Untitled design (1).png

**WAYS TO HOST THIS PROJECT ON LOCAL HOST :**

**THE FIRST WAY :-**

1. Open the terminal on your system.
2. Navigate to the folder containing the HTML file.
3. Run the command:   python -m SimpleHTTPServer

You will see a log with where you can access the page

Serving HTTP on 0.0.0.0 port 8000

1. Go to your browser and type [0.0.0.0:8000](http://0.0.0.0:8000/" \t "https://mail.google.com/mail/u/0/" \l "inbox/_blank) or localhost:8000.

**THE SECOND WAY :-**

If you have nodejs and npm installed,then you can install a http server by running this command in the terminal:

npm install http-server -g

Navigate to folder where you have html file in terminal and type:

 http-server

To run a specific html file, type:

http-server name-of-file

**THE THIRD WAY : -**

Simply download the files and click on the home.html page and you can see it in the browser.

OR

Open in VS Code and Right click on the file, click on “Open with Live Server”.

**OUR TEAM:**

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