Final Report
Blood-Donation Website
Section : K19AP Group : 1

Internet Programming Language
(CSE 326)

By

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Transforming Education Transforming India

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Declaration

We here by declare that the project report entitled "**Blood Donation Website**" is submitted by our team for partial fulfilment of requirements for the award of degree in **Bachelor of Technology in Computer Science and Engineering** to Lovely Professional University, this is our original work and has been completed under the guidance of our **Professor Miss Pooja Rana**.

Acknowledgement

Our team would like to thank our Professor

Miss .Pooja Rana for assigning this task of creating a website on Blood Donation, she provided us guidelines for developing this website. Also our team work lead us to this successful project.

Table of Content

Introduction

Nowadays, life is full of hustle and it is not easy to find a donor of a particular blood group for donating blood. So, keeping this in mind we have created a website on this real world situation which is Blood donation. In this project we have tried to develop a full-flesh website on Blood donation, from donating blood to receiving it, we have tried to touch each and every aspect of blood donation. By developing this website, we are providing a solution of finding blood from different Hospitals and different people.

Problem description

We got a project to make static Blood Donation site. Problem we get are as follows:
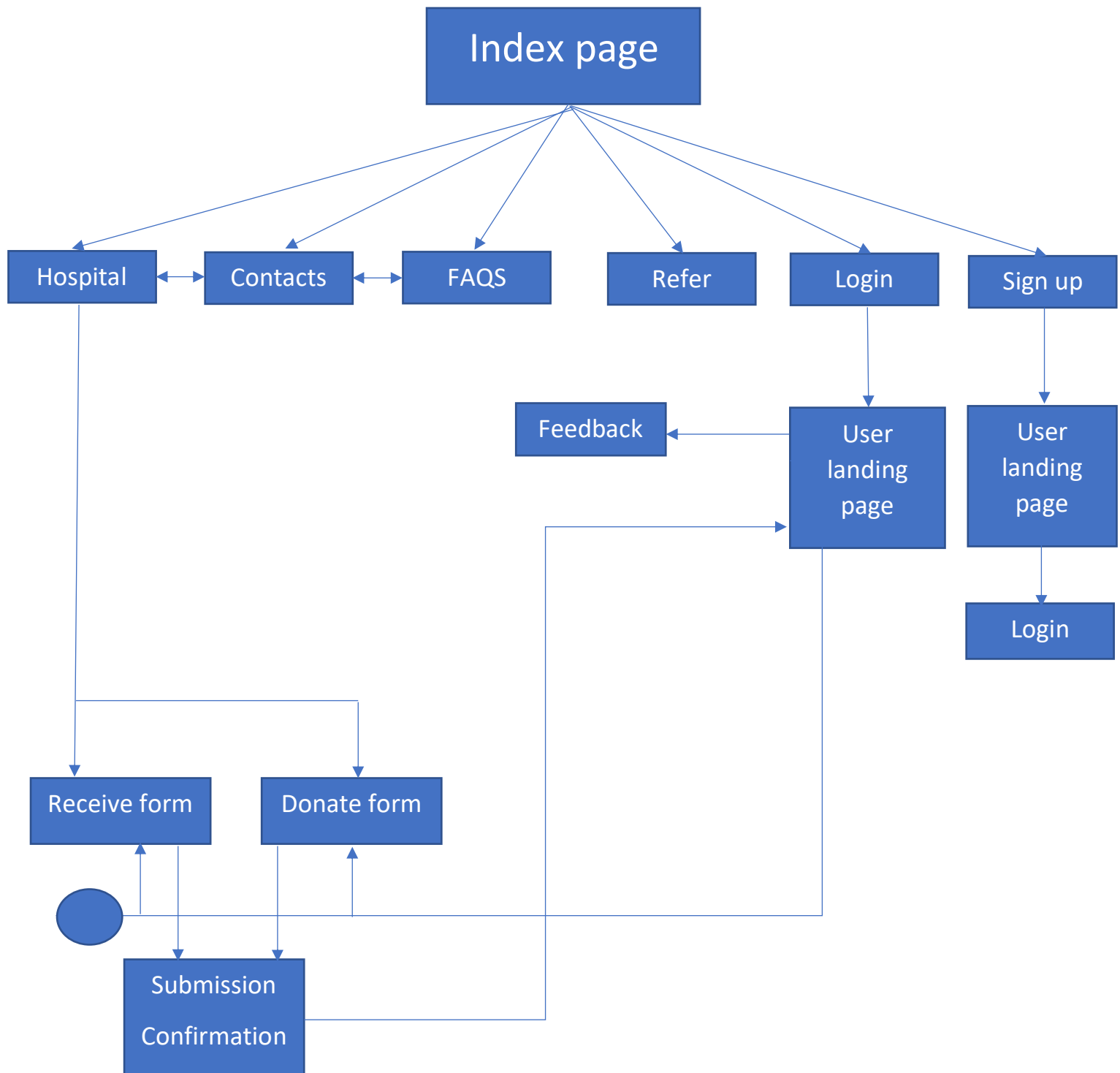
1. How to approach?

Ans :- So we all 3 team members discuss about structure and design regarding our webpage and we decided to make our site very lite and simple so that everyone one can easily navigate. So, we deign rough designs on papers of our webpages and started our work by distributing works to each other.

2. Difficulties during making webpages?

Ans :- When we all started making our webpages we smoothly did our HTML part, but when we come to CSS we are now getting stuck after some steps because we are doing it first time. But thanks to our Prof. Pooja Rana ma'am they had teach us well and also told us we will encounter many new codes at the time of making project and exactly that
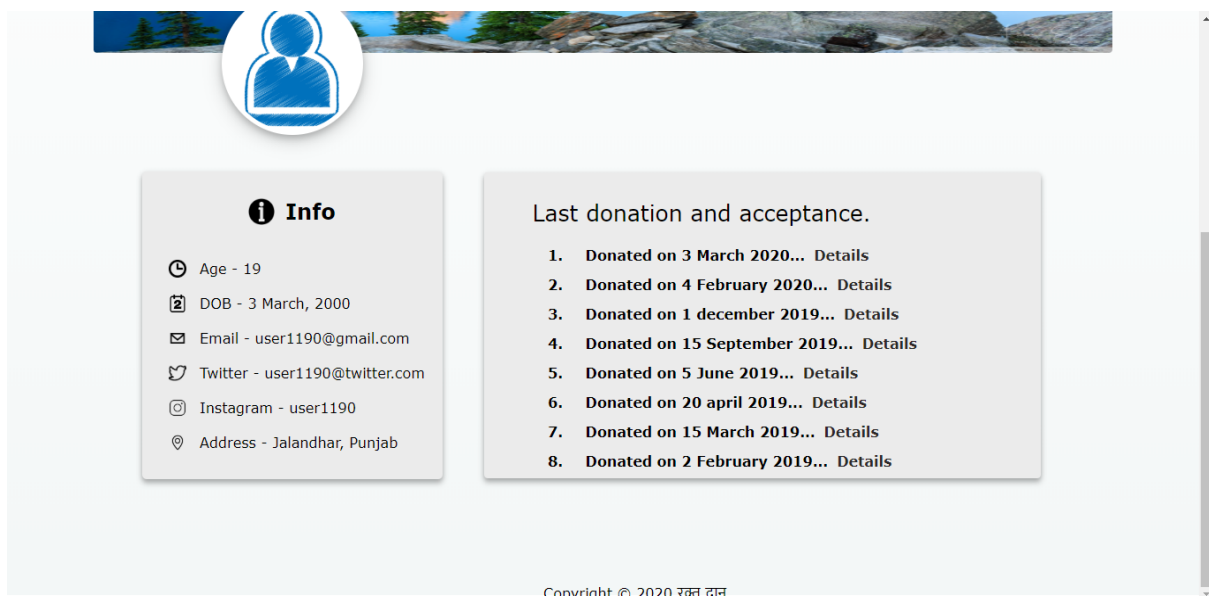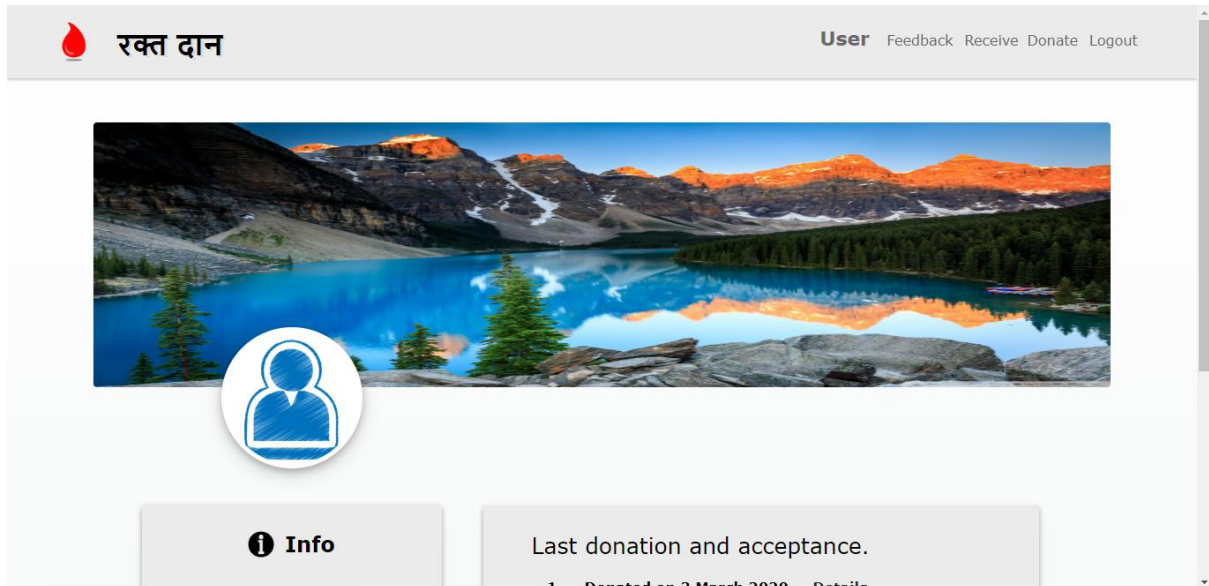
happens. We started finding it hard to make webpages as same we design on paper before so we started studying more and digging more about CSS and we learn more code and property from a very famous site W3school from there we learned many things and it help us a lot in learning CSS. We generally searched for a way how to do this and study that and then apply that thing in our projects.

Flow chart

Index page

Hospital — Contacts — FAQS — Refer — Login — Sign up

Feedback ← User landing page

User landing page

Login

Receive form — Donate form

Submission Confirmation

Page Functionality

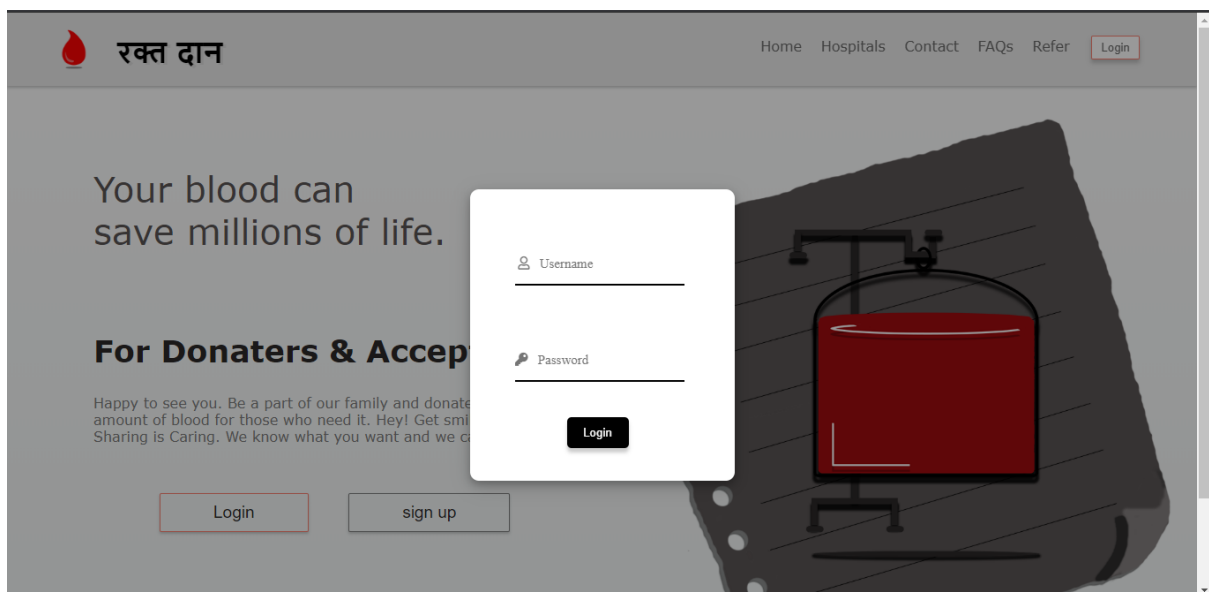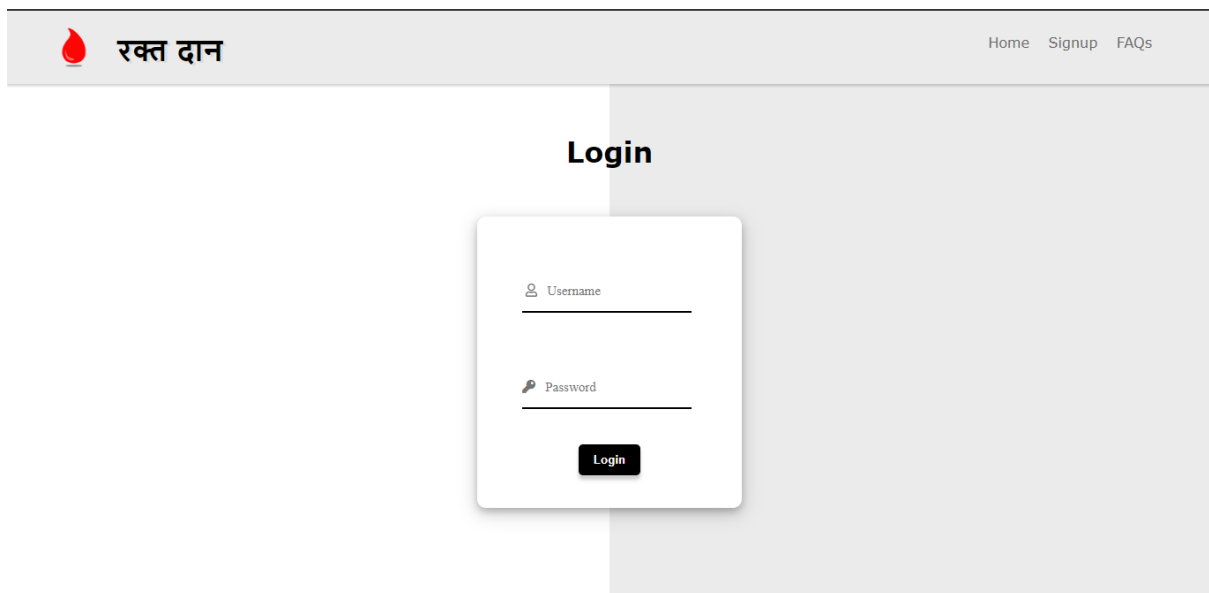## 1. user landing page.html(User Landing Page)

In our user landing page, we have added all the important details of a user like user info and the details of donations made by our user.

We have linked user landing page with feedback form, receive page, donate page (further it is linked with page of hospitals) and logout page.

2. login.html (Login Page)

We have made our login page to link with user landing page and also if a user is trying to donate or receive blood without performing login task through Hospital page then a popup will arrive which will redirect user to login page.

Also we have created login popup in Homepage. Also we have added two icon in front of username and password which will be visible due on internet connection. See the below images..

Home   Signup   FAQs

Login

👤 Username

🔑 Password

Login

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Home   Hospitals   Contact   FAQs   Refer   Login

Your blood can save millions of life.

For Donaters & Accep

Happy to see you. Be a part of our family and donate
amount of blood for those who need it. Hey! Get smi
Sharing is Caring. We know what you want and we c

Login   sign up

👤 Username

🔑 Password

Login

3. hospital.html(Hospital Page)

We have linked our Hospital page with home page, contact page, FAQ page, Login page, Receiver form and Donate form.

We have added the details of 5 hospitals of Phagwara, with two buttons ("receive" and "donate here" button) which is going to redirect user page to Receiver form and donate form.

We have added the hover effect on hospital details in order the highlight the Hospital.

4. contact.html (Feedback form)
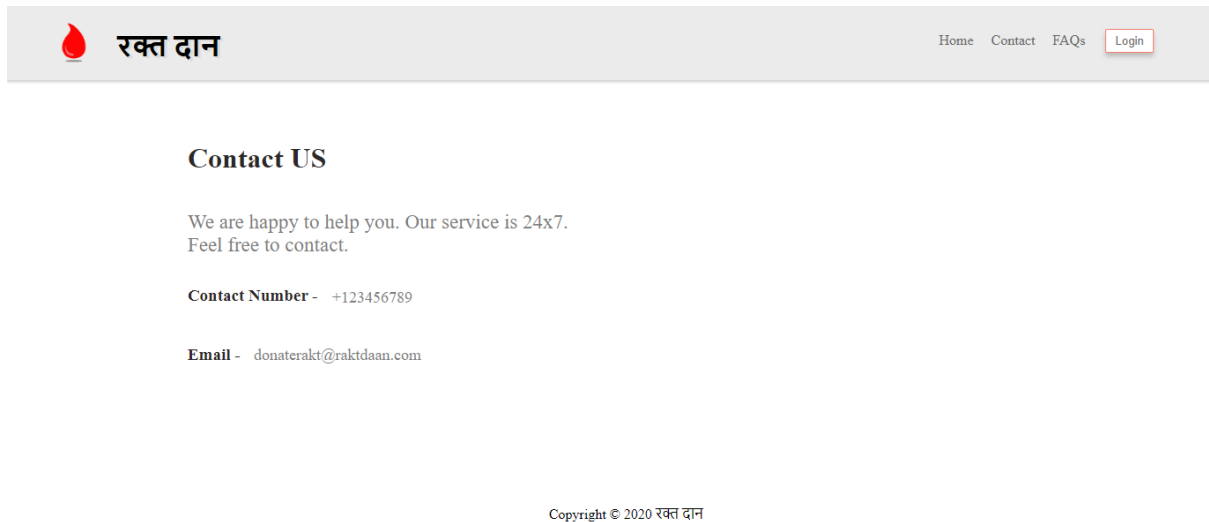
In this page we have tried to give our contact details and which if further linked with home page , contact page, FAQ page and login page.

5. form submitted.html (Submission Confirmation)

We have linked this page with userpage.

See below..

Thank You For Your Form Submission

We will contact you soon !

Home

6.index.html (Index page)

Index page is homepage of our website. We tried to make it lite and simple. Its is created in this way that user can easily understand everything on website.

So, it works like this first thing is about header means navigation bar and logo. Header is fixed so that when user scroll down navbar stick at its place without hiding while while scrolling. Links in navigation are fully functional means **"Home"** link will take user to homepage. **"Hospital"** link will take user to

a page where some hospital are displayed so that they can receive or donate blood. **"Contact"** link will take user to contact page where user will get our email and phone number to contact us if they face any issues. **"FAQs"** link will take user to FAQs page where they can get answer of common question that frequently comes in mind. **"Login"** button in navbar will show login popup. Now Login and Signup buttons, when user click on **"Login"** button placed down after some writeup will show popup login form to login and when user click on **"Signup"** button user will see a new page open having signup form. Thats all how index page works.

Note: As we mentioned about fontawesome so we have added that code in our index page to load the icon in popup login which is in adjacent to username and password.

See below…
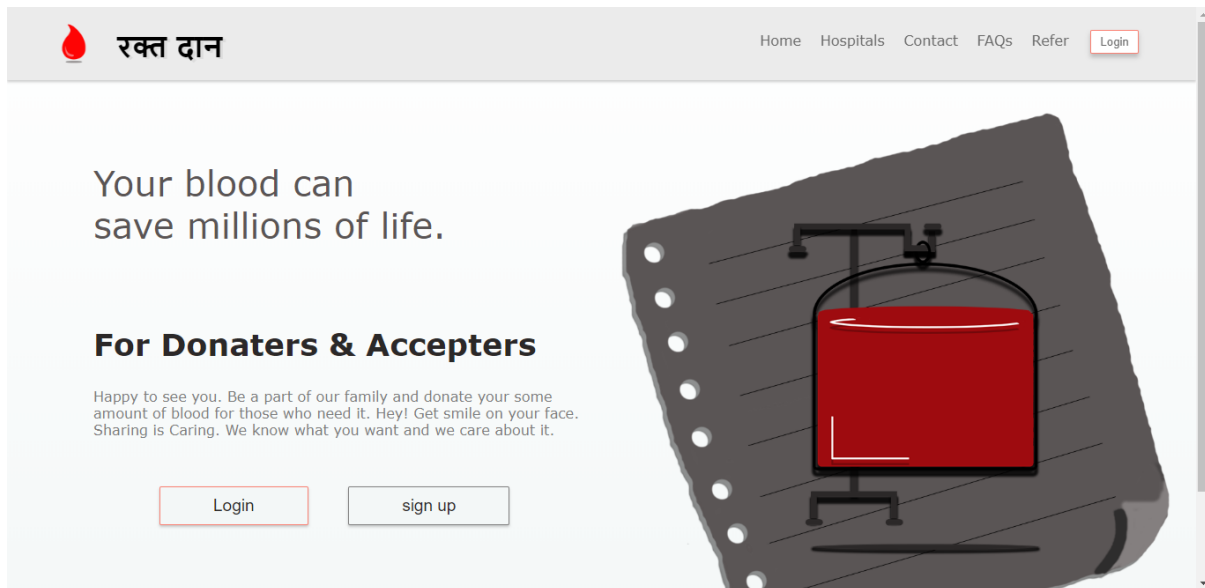
7.signup.html (Signup Page)

Function of navbar is same as explained in index page only change is that now navbar is not fixed. Now when user will scroll navbar will not be fixed at the top.

Signup function is to take basic details of user to create a account on our site so that there data can be saved. When user fill up the form and click on signup button a user landing page will be open.
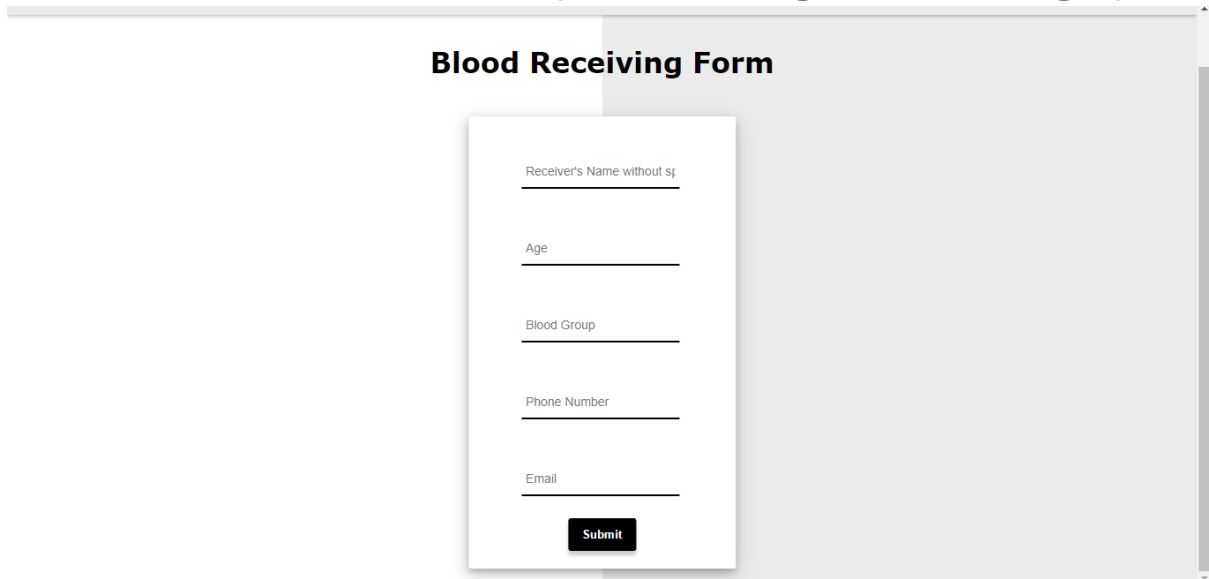See below...

Sign up

First Name

Middle Name

Last Name

ex: abcd@gmail.com

Password

Sign up

8.donate form.html (Donate Form Page)

Blood Donation Form

Donor's Name without spac

Age

Blood Group

Phone Number

Email

Submit

Here on this page if user want to donate blood he/she have to fill the form. Link of "donate form" is available on hospital page and on user landing page. When user will fill up this after that on clicking upon submit user will see a new page with a small message and a home button placed below message.

9.receive form.html (Receiving Form Page)

Here on this page if user want blood he/she have to fill the form. Link of "receive form" is available on hospital page and on user landing page. When user will fill up this after on clicking upon submit user will see a new page with a small message and a home button placed below message.

10.feedback.html (Feedback Page)

If user have some suggestion or find some bugs means something on our site is not working or another issues related to us then how he can report us as well as if we want

some feedback from user how we will take it. So we decided to make feedback form which basically asks for email only and there is three face-icon to select their expression. Comment area is also there to describe their positive or negative feedback in details. When user completely fill up the form he/she will click on submit and after clicking on it they will return to their user landing page. Feedback form link is only in user landing page in navbar so without login no user can give us feedback. Note: We have added fontawesome to load face icons placed at the bottom of the feedback.html file.
See below..

11.refer.html (Refer Page)

We want to grow our self and want to add more people to add so how can we do it? By refering with the help of our users. So we created a refer page that contains a sample link looks like a real site link but not it is linked to our homepage. User can copy it and share with others.
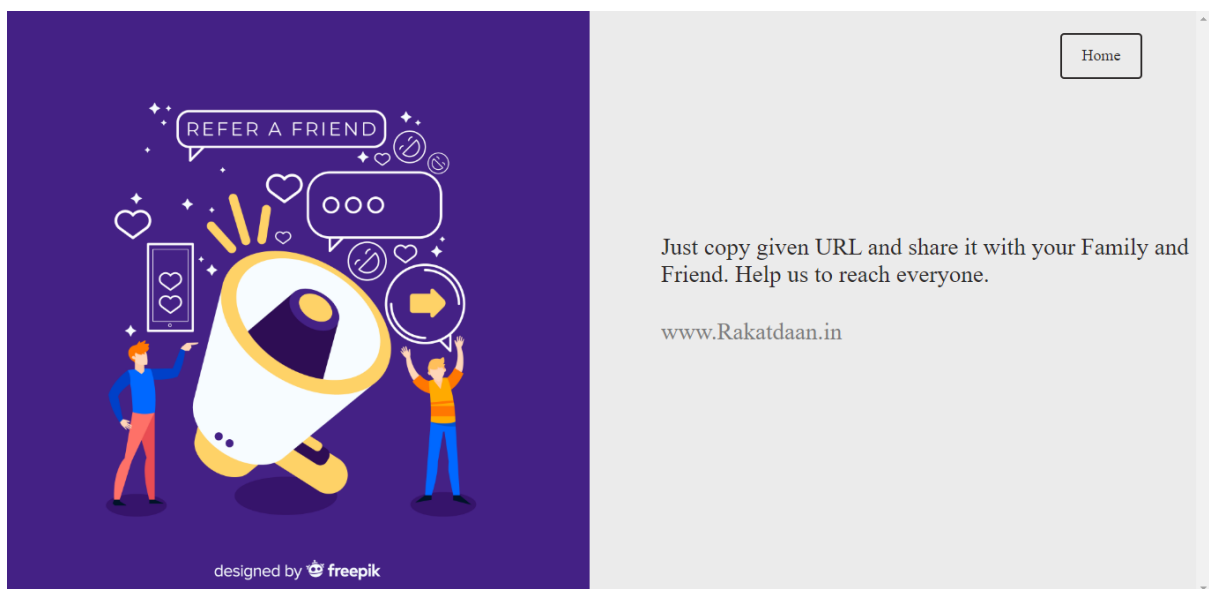
12.FAQS.html(FAQ page)

In this page we have tried to answer all the queries a user can have, regarding blood donation.

This page is linked to Home page , contact page and login page.

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Home   Contact   Login

Why Donate Blood?

A blood donation truly is a "gift of life" that a healthy individual can give to others in their community who are sick or injured. In one hour's time, a person can donate one unit of blood that can be separated into four individual components that could help save multiple lives.

From one unit of blood, red blood cells can be extracted for use in trauma or surgical patients. Plasma, the liquid part of blood, is administered to patients with clotting problems. The third component of blood, platelets, clot the blood when cuts or other open wounds occur, and are often used in cancer and transplant patients. Cryoprecipitated anti-hemophilic factor (AHF) is also used for clotting factors.

In a recent study supported by the National Blood Foundation (*TRANSFUSION 2002;42:122S*), more than 5,000 individuals who were current blood donors at the time or who had given blood in the past were asked why they donate blood. Nearly three-quarters of the respondents said that they give blood to help others. Respondents also said that giving blood makes them feel good about themselves; supports their local communities and hospitals; supports their community culture; and "pays back" society for the times when they or their families have needed blood transfusions in the past.

What are the minimum requirements to become a blood donor?

You must be at least 16 years of age, a minimum of 110 pounds, and in basic good health.

Will donating blood hurt?

You might feel a slight sting in the beginning lasting only a couple of seconds, but there should be no discomfort during the donation.

Are blood donors paid?

Bibliography

1. www.aabb.org

2. www.w3schools.com

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