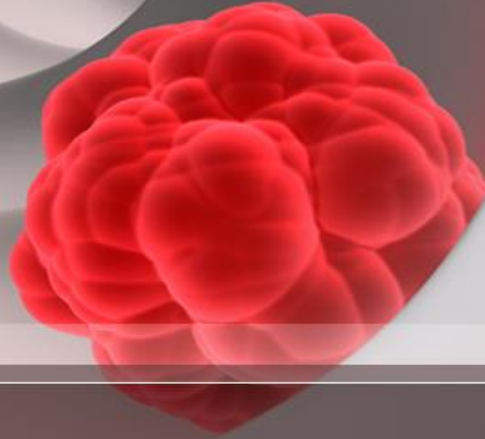


CSE 311 PROJECT

GROUP 1



GROUP MEMBERS

S. A. M. ZAHIN ABDAL

SHANILA NEHLIN

MD. SOLAIMAN HAQUE

LifeSource Foundation

**BLOOD DONATION
MANAGEMENT SYSTEM**

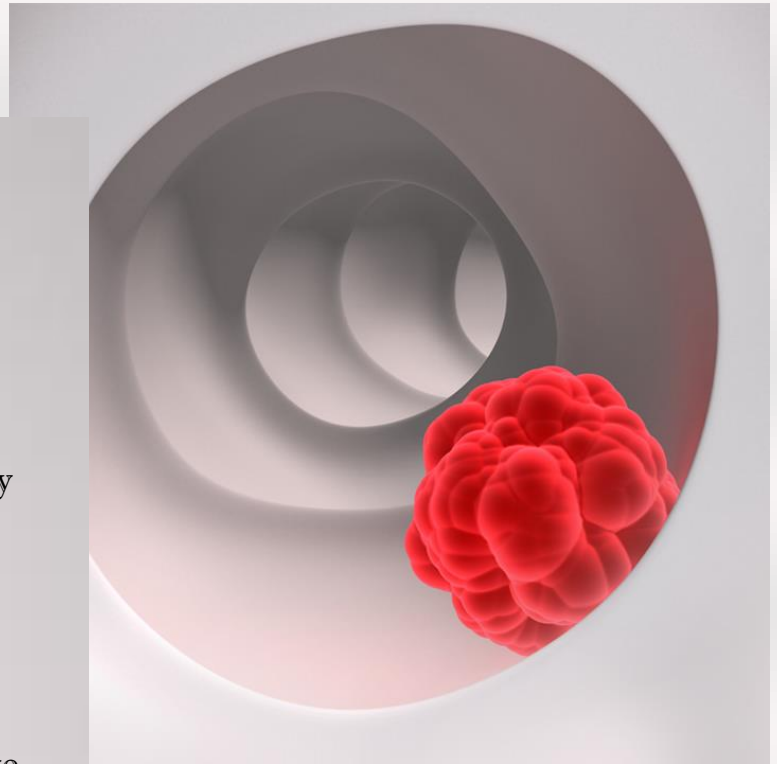
Project: Requirement analysis and feature description

SUMMARY

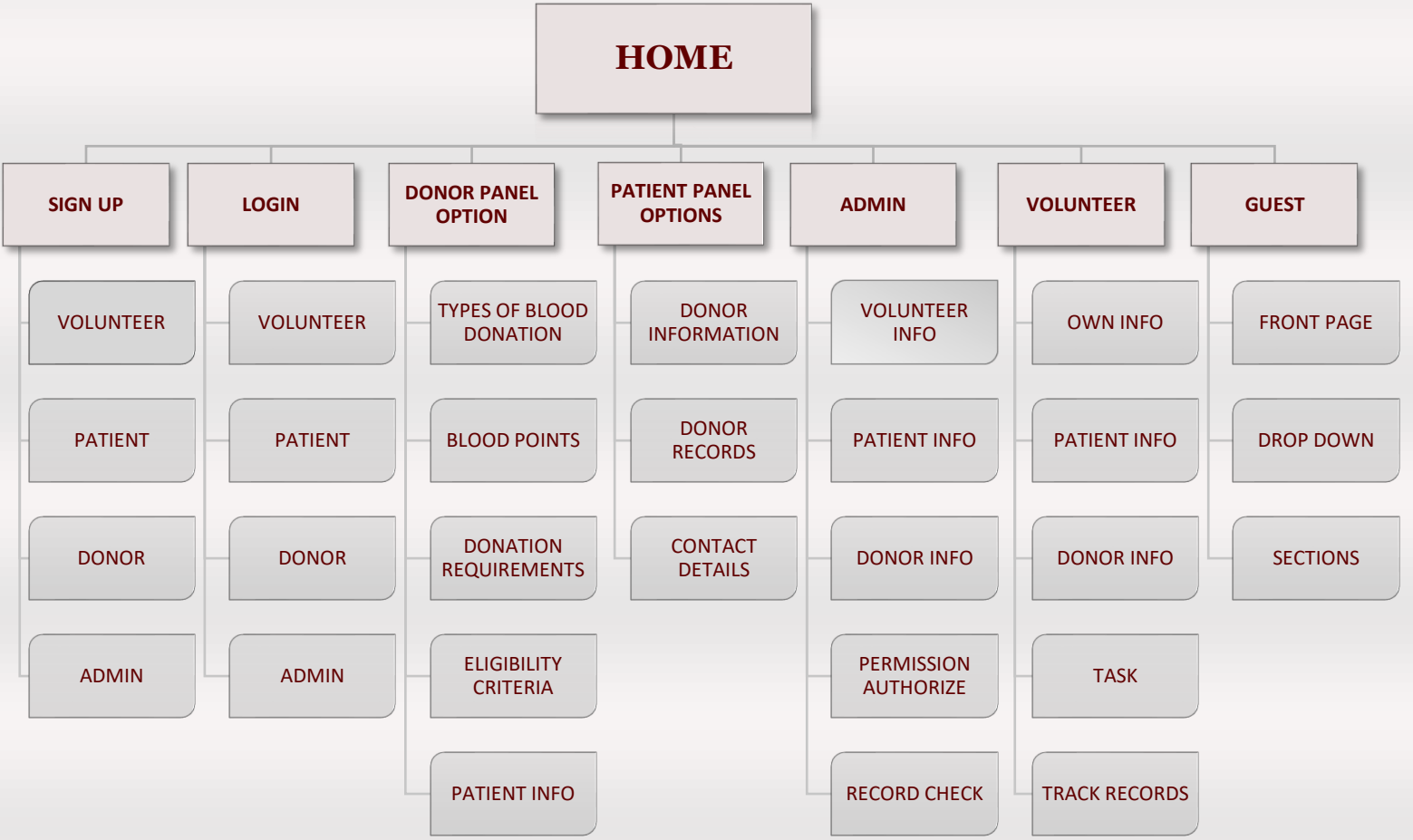
Donating blood is a vital way to help protect lives which is why it's extremely important to donate blood in this day and age. A single donation can save someone's life and can benefit the community to a great extent.

This organization is a trusted place by thousands of users who are assisted every day through this website. Blood Donation Management system is a web-based system that helps the users to keep the information of different blood types and how they can be utilized in the blood bank to help several clients that are in need. This project will have a login system which will help different admins to sign in separately. Admins and clients will use their own personal email address to sign in or register. New clients can use the Register system to register themselves as blood donors. The Guest panel will accommodate new clients who couldn't register due to lack of time. Admins will receive requests from both the patients and clients for blood bags. Then they will use Records to search which blood type and how many bags are needed and extract them accordingly and send to the patients in need.

Admins will monitor the entire system whereas clients will only use the webpage to donate blood.



SITEMAP



FEATURES

HOME	
Sign Up:	<ol style="list-style-type: none"> 1. Volunteer 2. Patient 3. Donor 4. Admin
Log In:	<ol style="list-style-type: none"> 1. Volunteer 2. Patient 3. Donor 4. Admin
FAQ:	It will contain generally asked questions about how to sign up/in, upload and download, etc.
Donor Panel Options:	<ol style="list-style-type: none"> 1: Types of blood donation (Such as Whole Blood Donation, Power Red Donation, Platelet Donation, Plasma Donation) 2. Blood points (places of donations) 3. Donation requirements (Things that should know before the blood donation) 4. Eligibility Criteria (Age and Weight limit) 5. Patient Info (Name, Blood group, diseases)
Patient panel options:	<ol style="list-style-type: none"> 1. Donor information (Name, Blood Group, Diseases) 2. Donor Records (The record of the donor's general health and medical history) 3. Contact Details (Donor's Phone, email)

Admin:	This panel acts as the dashboard for the Administrator of the Organization. All kinds of options will be available for the admins. There will be Volunteer Info, Patient Info, Doner info, permission authorize, Record check, Sign-out
Volunteer Info:	Here the admin can check the info of volunteers working for the organization. Their names, age, phone no., address, national id no., blood group etc. can be accessed.
Patient Info:	The patients who need the blood. Their name, address, phone number, disease / cause of need of blood, location for blood delivery etc. can be accessed.
Doner Info:	Doner's name, age, height, weight and all other info can be accessed
Permission Authorize:	Here the admin can set permission or restrict someone from certain features.
Record Check:	The admin can check all the work that has been done over the time whether it is blood donation, or new entry or new volunteer or other kind of work.
Volunteer:	This panel acts as the dash board for the volunteers who are working for the organization. They can add their info and get the info of the patients and doners and keep a task schedule updated and keep track of the records.
Own Info:	They can add their info and change according to admin permission.
Patients' info:	They can get access to some parts of patients' info

Doners' info:	They can get the access of some parts of doners' info
Task:	They can keep the schedules updated
Track Records:	They can keep track of the records.
Guest:	Anyone entering the website will get a look at the website from the front page where there will be an overview of the organization and news of previous and upcoming events.
Front page:	There will be a welcome page
Drop down:	There will be a drop-down menu to navigate through other pages
Sections:	There will be sections for news and views and events

GitHub Link for the Repository of this Project:

<https://github.com/ZahinSam1/Cse311>