

Introduction

Blood donation is very important for public health. It helps provide blood for people who need it during surgeries, accidents, or long-term illnesses.

But in many places, there is not enough blood because only a few people who can donate actually do it.

This project looks at how often people donate blood in a certain area. It will study things like age, gender, awareness campaigns, and seasons to find out what affects people's decisions to donate. The idea is that younger people and those who see special awareness messages are more likely to give blood.

Project Overview

A responsive and user-friendly Blood Bank Management System designed to facilitate blood donations and requests efficiently. This project is designed to connect blood donors with those in need.

The Home page gives an overview of the platform and its goals and explains the mission behind the initiative.

The Admin panel manages user details and tracks blood donation history.

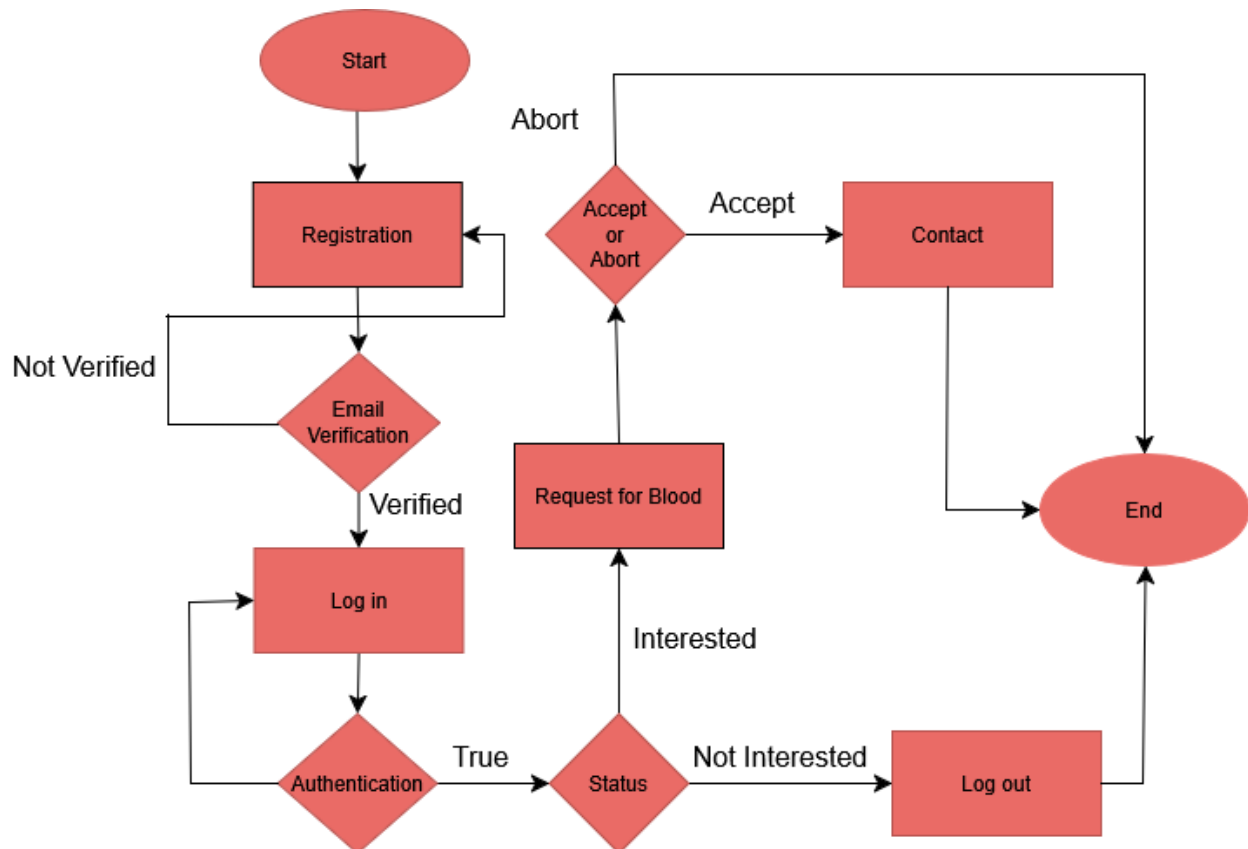
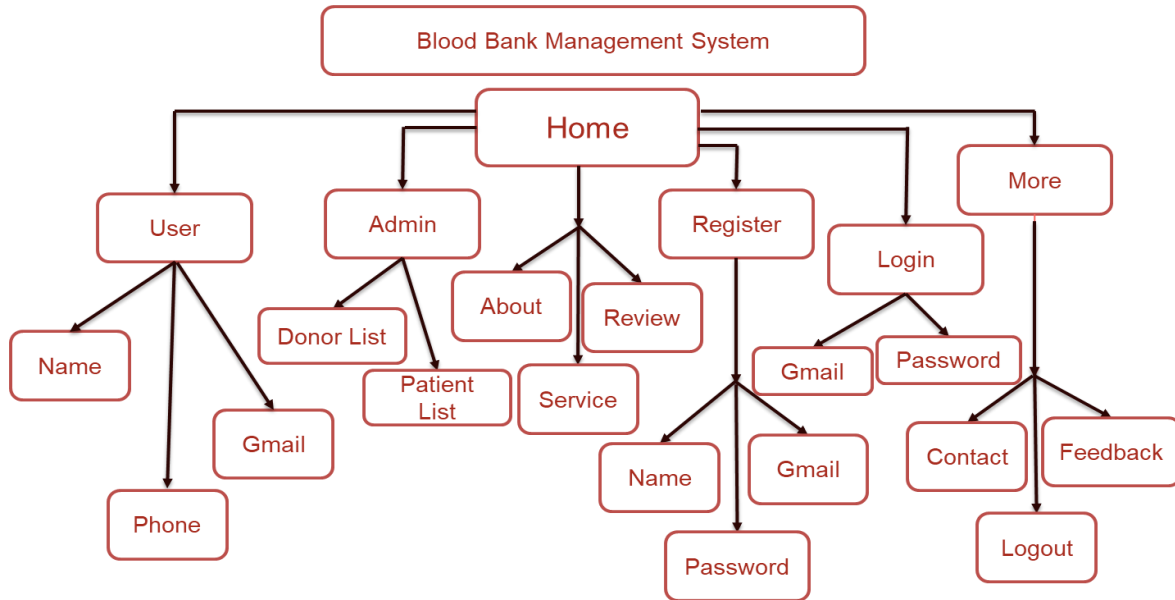
Users can reach out through the Contact page for help finding blood. The system includes a Login & signup page for secure access, and a More page for general inquiries and user feedback.

Users can create accounts and log in securely. To ensure security and privacy, the website has private routes that only authenticated users can access.

This feature protects sensitive information and restricts unauthorized access. The website includes testimonials from well-known personalities who have used the services.

These reviews provide social proof and build trust among potential clients.

Flowchart



Technology Stack

Frontend:

- HTML
- CSS
- JavaScript
- React
- Tailwind
- Firebase for authentication

Backend:

- JavaScript
- MongoDB Database

Screenshots

Home

This is the homepage or main page of a donate blood website.



Service

Here are some of the services and achievements given below-

Our Services



Blood Donation Center

Welcome to our Blood Donation Center, where you can make a lifesaving impact by donating blood. We are dedicated to ensuring a safe and comfortable donation experience for our donors. Your generosity ...

Price: Free of Cost



Mobile Blood Drives

Participate in our Mobile Blood Drives to conveniently donate blood at various locations. Our team organizes regular drives across the city, making it easy for you to contribute to this noble cause. Y...

Price: Free of Cost



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Ahmed Faiza



SIGN OUT



Blood Donation Center

Welcome to our Blood Donation Center, where you can make a lifesaving impact by donating blood. We are dedicated to ensuring a safe and comfortable donation experience for our donors. Your generosity can help save lives and make a

Price: Free of Cost



Blood Donation Events

Join our Blood Donation Events for a collective effort to save lives. These events create a sense of community and solidarity as we come together to address the ongoing need for blood. Whether you're ...

Price: Free of Cost



Donor Rewards Program

Enroll in our Donor Rewards Program to acknowledge and appreciate your commitment to saving lives. Earn points with each donation, and redeem them for various rewards. Your continuous support helps ma...

Price: Free of Cost



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Mobile Blood Drives

Participate in our Mobile Blood Drives to conveniently donate blood at various locations. Our team organizes regular drives across the city, making it easy for you to contribute to this noble cause. Your generosity can help save lives and make a

Price: Free of Cost



Blood Donation Events

Join our Blood Donation Events for a collective effort to save lives. These events create a sense of community and solidarity as we come together to address the ongoing need for blood. Whether you're a first-time donor or a regular contributor, your commitment is invaluable.

Price: Free of Cost



Donor Rewards Program

Enroll in our Donor Rewards Program to acknowledge and appreciate your commitment to saving lives. Earn points with each donation, and redeem them for various rewards. Your continuous support helps maintain a stable blood supply for medical treatments and emergencies.

Price: Free of Cost



Educational Workshops

Stay informed and empowered by attending our Educational Workshops on blood donation. Learn about the impact of your contribution, the importance of regular donations, and how blood is used to support various medical conditions. Knowledge is a powerful tool for making a difference.

Price: Free of Cost



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Stay informed and empowered by attending our Educational Workshops on blood donation. Learn about the impact of your contribution, the importance of regular donations, and how blood is used to support...

Price: Free of Cost



Community Outreach

Engage in our Community Outreach programs to spread awareness about the critical need for blood donations. By becoming a volunteer or supporter, you can help create a culture of giving and encourage others to contribute...

Price: Free of Cost



Community Outreach







Engage in our Community Outreach programs to spread awareness about the critical need for blood donations. By becoming a volunteer or supporter, you can help create a culture of giving and encourage others to contribute to the well-being of our community.

Price: Free of Cost

Patient Review

Here are some of the valuable reviews about the website.

Patients Review

 <p>Alice Johnson I recently donated blood through the Blood Donation Service, and it was a seamless and rewarding experience. The staff was professional, and the process was quick and efficient. I'm proud to be a part of such a vital cause.</p>	 <p>Jenny Kim The Blood Donation Campaign organized by this service was well-executed. The volunteers were friendly, and the setup was organized. I felt safe and valued throughout the entire donation process. Kudos to the team!</p>
 <p>Jisoo I've been a regular blood donor with this service, and I appreciate their commitment to saving lives. The Blood Donation Management ensures a smooth and comfortable experience every time. A big thank you to everyone involved!.</p>	 <p>David Rodriguez I participated in the Blood Drive organized by this service, and it was a positive and uplifting experience. The team made sure donors were well taken care of, and the atmosphere was supportive. Looking forward to the next event!</p>
 <p>Ella Martinez The Blood Donation Service not only saves lives but also creates a sense of community. I appreciate the dedication of the staff and volunteers. The entire process, from registration to post-donation snacks, was well-organized and comforting.</p>	 <p>Joe Biden I recently organized a blood donation event for our community, and the support from the Blood Donation Service was exceptional. They provided the necessary resources, guidance, and a friendly team to ensure a successful event. Thank you for helping us make a difference!</p>

Subscribe!!!

Subscribe



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Social



Donor Details


Here the details of the donor are given to store the information in the database.

Donor Details

Donor Name	Age
<input type="text" value="Donor Name"/>	<input type="text" value="Age"/>
Blood Group	Phone
<input type="text" value="Blood Group"/>	<input type="text" value="Phone"/>
Gender	Address
<input type="text" value="Gender"/>	<input type="text" value="Address"/>
Photo URL	
<input type="text" value="Photo URL"/>	
<input type="button" value="ADD DONOR"/>	

DonateBlood

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Azrin  [SIGN OUT](#)

Donor Name

lubaba

Blood Group


B-

Gender

female

Photo URL

refd



Success!

Donor added successfully !!

Patient Details

Here the details of the patient are given to store the information in the database.

Patient Details


Donor Name	Age
<input type="text" value="Donor Name"/>	<input type="text" value="Age"/>
Blood Group	Phone
<input type="text" value="Blood Group"/>	<input type="text" value="Phone"/>
Gender	Address
<input type="text" value="Gender"/>	<input type="text" value="Address"/>
Photo URL	
<input type="text" value="Photo URL"/>	

ADD PATIENT

Patient Details

Donor Name	Age
<input type="text" value="Donor Name"/>	<input type="text" value="Age"/>
Blood Group	Phone
<input type="text" value="Blood Group"/>	<input type="text" value="Phone"/>
Gender	Address
<input type="text" value="Gender"/>	<input type="text" value="Address"/>
Photo URL	
<input type="text" value="Photo URL"/>	

ADD PATIENT



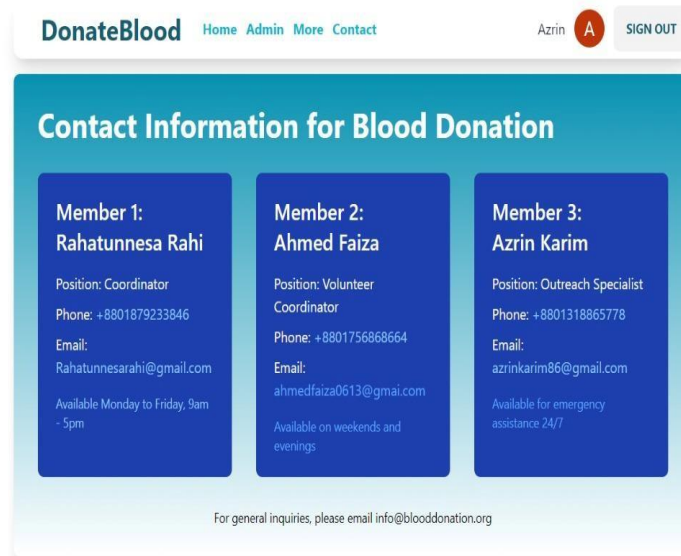
Success!

Patient added successfully !!

Thank You

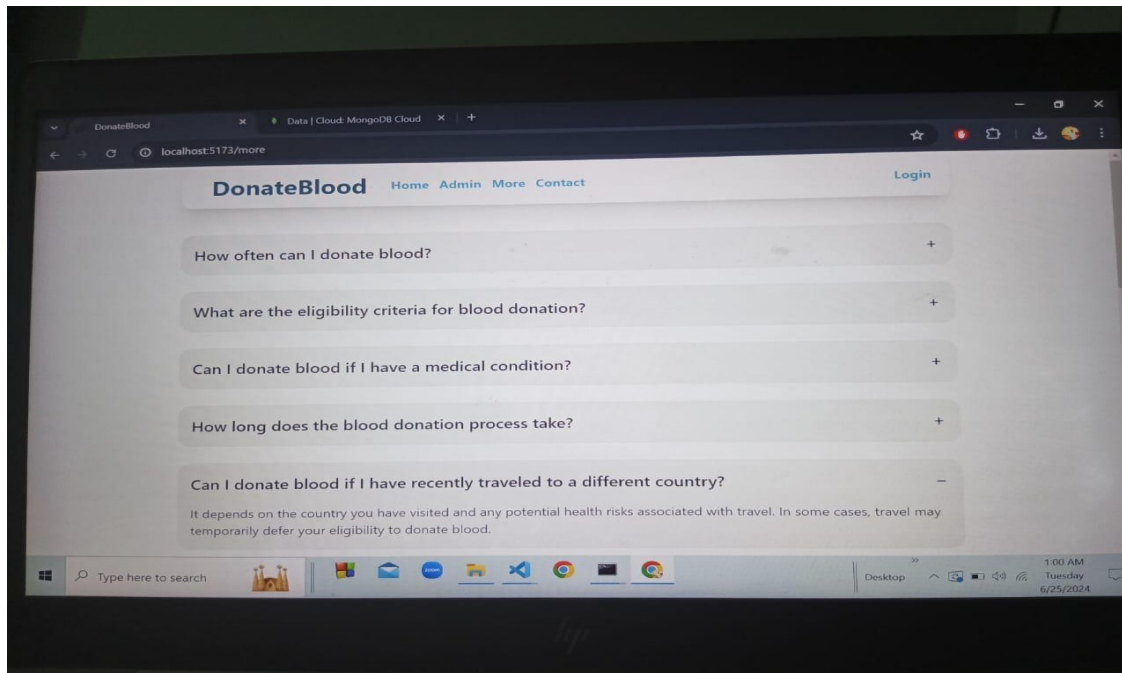
Contact

In contact page any one who wants to need or donate blood or gaining a information about this system then he/she can contact us. Here are the contact of our members.



Inquiry

Here all the necessary information are mention in this section.



Feedback

Donor or patient can give their valuable feedback in this section. They can give their perspective about this website.

Can I donate blood if I have recently traveled to a different country?

It depends on the country you have visited and any potential health risks associated with travel. In some cases, travel may temporarily defer your eligibility to donate blood.

Enter Your Feedback

SUBMIT

1. this organization is trustable

Can I donate blood if I have recently traveled to a different country?

It depends on the country you have visited and any potential health risks associated with travel. In some cases, travel may temporarily defer your eligibility to donate blood.

Enter Your Feedback

SUBMIT

1. this organization is trustable
2. they are helpfull
3. a
4. good
5. thank you
6. good service
7. very good service
8. hello
9. they are very caring
10. they are very caring
11. hello
12. they are very caring
13. they are very caring
14. they are very supportive

Member's Contribution

Ahmed Faiza C231465 Home Navbar Services Donor-Details Feedback Project-Report	Azrin Karim C231466 Footer Login Signup Authentication Inquiry	Rahatun Nesa Rahi C231474 Banner Reviews Subscribe Patient-Details Contact
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Conclusion

This Blood Donation Management System helps bridge the gap between blood donors and patients in need. By making it easy to register, find donors, and manage donation records, the platform supports a faster and more organized response in emergencies. It also encourages more people to donate by raising awareness and providing a user-friendly experience. Overall, the project aims to save lives by improving how blood donations are managed and accessed.