

SMART BLOOD BANK

Web Development Project

Submitted By:

MD. Maruf Hossain

ID: 1602042

Reg No. 06534

Project No: 01

Project Title: Smart Blood Bank.

Project Description:

- Features:

1. **Emergency Blood Request:**

One can easily request for Blood when it is an emergency and it is impossible to log in or create a new account to see available blood. when a request is placed, admin or any of the users can see it and they can proceed for donate blood and save a valuable life.

2. **See availability of blood by Group:**

One can see available blood by blood group. If any group of blood is not available, then it shows a message “0 result found”.

3. **Register as new User:**

One can easily create a new account to be a member of our smart blood bank. When anyone creates an account they get some advantages,

- i. Show profiles
- ii. Update profiles.
- iii. Send messages
- iv. Get Replies
- v. Apply for blood
- vi. See requests.

4. **Login as user:**

To get the all advantages and do all operations of a user of this system, user have to logged in into the system. When any user register in this system, they have a unique email and password for login. when user entered a wrong username/email or password, the system will give an error. Otherwise they can access their account.

5. **Show user's Profile:**

When a user logged into his/her account, he/she can see his/her profile. It is possible to update all information without email, blood group, date of birth, gender. He/she can also change password for login.

6. **Send and receive Message:**

User can send message and receive message by this system to stay connected with each other. One user can send message only other user but not to admin. But they can get message from both users

and admin also. In user inbox page, Background of the messages from user is white and messages from admin is black to easily identify.

7. See emergency requests:

User can see all requests of blood. He/she can apply for blood if he/she wants to donate blood. When he/she proceed for a blood request, it is deleted from the table and add into another table.

8. Log Out from user account:

User can log out from their account when they want. If they logged out once, they can't access any page without login again.

9. Admin Login:

Admin of the system can log into the system to control the whole system. When admin logged into the system. He/she find many operations in admin_panel page what an admin can perform.

10. Manage Profiles:

One of the operations of admin. Admin can delete any account if want. Admin also can make any user admin to give access all works.

11. Messages:

Admin can send message to all user. This messages are marked as important and appears with black background and red border in all user's inbox page.

12. Blood Transactions:

When any user applies to donate blood, it is marked as donated and appears in transaction page to see which request is completed. Only admin can see it.

13. Manage frequently ask questions:

Admin can reply of the Question which are asked by guests of the website. Answer of the questions are sent with email. When an answer of a question is sent, the question is deleted from the table.

14. Send replies by Email:

Admins reply sent with email.

15. Upload Images to Gallery:

Admin can upload image to the gallery.

16. Update News to show in home page:

Admin can update news. Last news will be appearing in homepage as scrolling news.

17. Frequently ask question section:

Guest of the system can frequently ask something to admin about the system or something.

18. Gallery:

When an admin upload images into gallery, this images are shown into gallery page.

19. Scrolling News:

When Admin updated a news, last news scrolls in first page or home page of the system.

20. Image Slider:

A slider of 6 image is shown in the home page.

21. Google map:

A map of Our University which is considered as the head quarter of the system is added into the system.

22. About Developer:

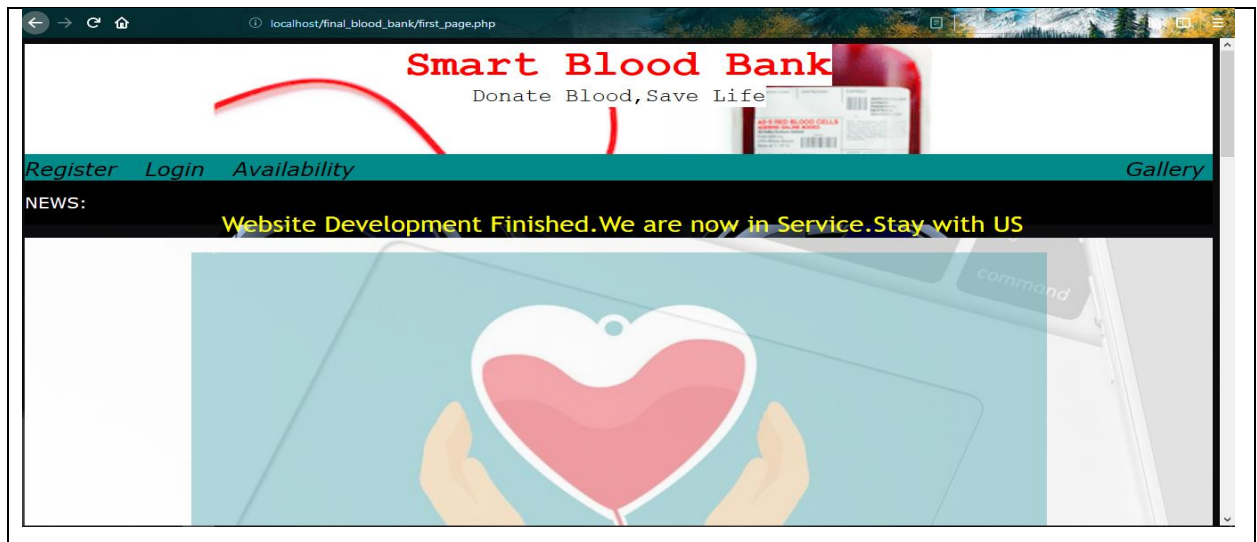
Developer' about is added into the system

24. Find Developer in social media:

Developer's social media links are added into developer option in homepage of the system.

Screenshots:

1. Homepage:



2. Emergency request page:

A screenshot of an 'Emergency request' form. The form has a green background and a black header with white text that reads: 'Request for emergency blood to save a life. We try Our best to reach you as soon as possible'. The form contains several input fields: 'Patient Name', 'Patient Age', 'Patient Gender', 'Blood Group', 'Petient Disease' (note the typo), 'Required Date' (with a placeholder 'mm / dd / yyyy'), and 'Phone Number'. At the bottom of the form is a red button labeled 'Request'.

3. FAQs and About page:

The image shows two side-by-side web page sections. The top section, titled 'Have a Question? Ask Now', features a form with fields for 'Your Name', 'your email', and 'Your Question', followed by a 'submit' button. The background is a dark, abstract image with red and blue elements. The bottom section, titled 'About US', is divided into three columns. The left column, 'Developed By:', lists 'MD. Maruf Al Aslam' from the 'Faculty of Computer Science and Engineering, Patuakhali Science and Technology University.' and includes social media icons for Facebook, Instagram, LinkedIn, and Twitter, along with a copyright notice for 2019. The middle column contains the text: 'We want to help those people who are badly needed Blood to save one valuable LIFE. Join with us to help Peoples. Happy Donating.' The right column, 'Find us on Google Map', displays a Google Maps error message: 'Hmm. We're having trouble finding that site. We can't connect to the server at www.google.com. If that address is correct'.

4. Registration Page:

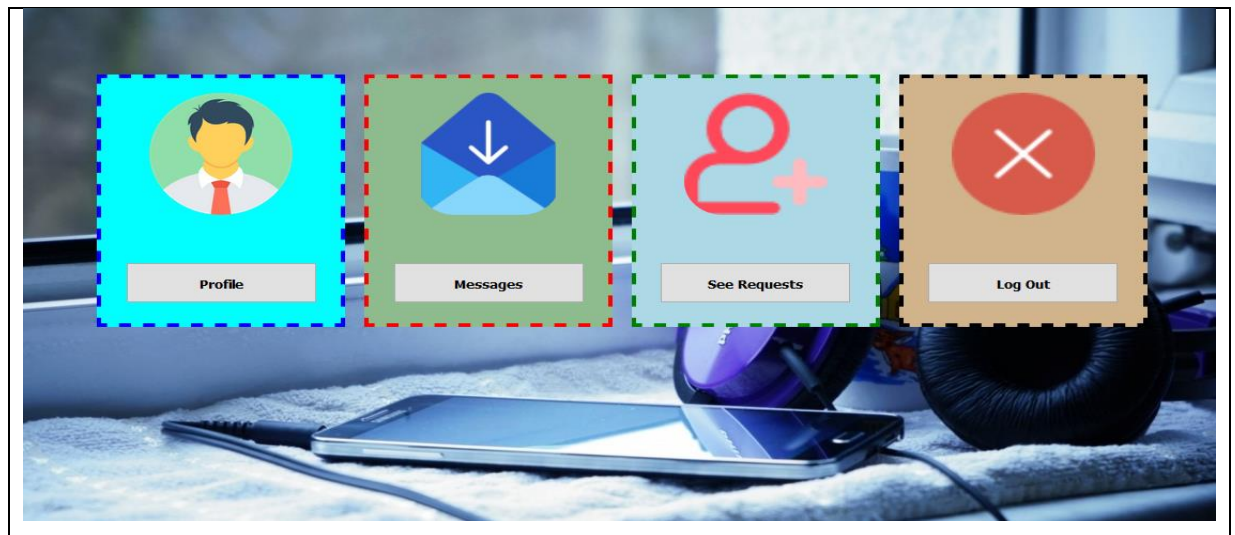
The image shows a 'Register' form on a web page. The form is titled 'Register' and has a 'Go to Home' link at the top. It contains the following fields: 'First Name', 'Last Name', 'Email', 'Date of Birth' (with a date picker), 'Blood Group', 'Gender', 'City', 'Mobile', 'Password', and 'Re-Password'. Below the fields is a 'REGISTER' button and a link that says 'Already Registered? Login Here'. The background is a 3D geometric design with blue and white cubes.

5. User Login Page:

The image shows a 'USER LOGIN' form on a web page. The form is titled 'USER LOGIN' and has a 'Go to Home' link at the top. It contains the following fields: 'E-mail' (with a placeholder 'Enter your email here') and 'Password' (with a placeholder 'Password'). Below the fields is a 'Login' button and a link that says 'Not Yet Registered? Register Here'. The background is a 3D geometric design with red and black cubes.



6. User Panel:



7. User Profile:

[Go to HomePage](#)

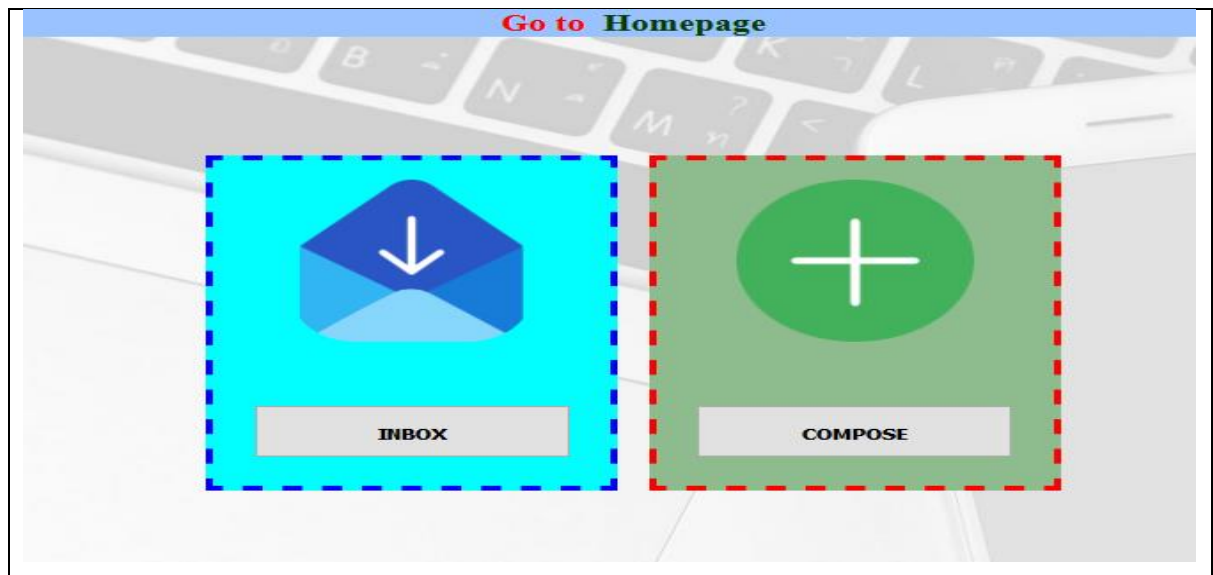
First Name	MARUF
Last Name	AL ASLAM
Email	marufalaslam@gmail.com
Date of Birth	1997-12-01
Blood Group	A+
Gender	MALE
City	Barishal
Mobile	01703041119
Password	maruf

Update Section

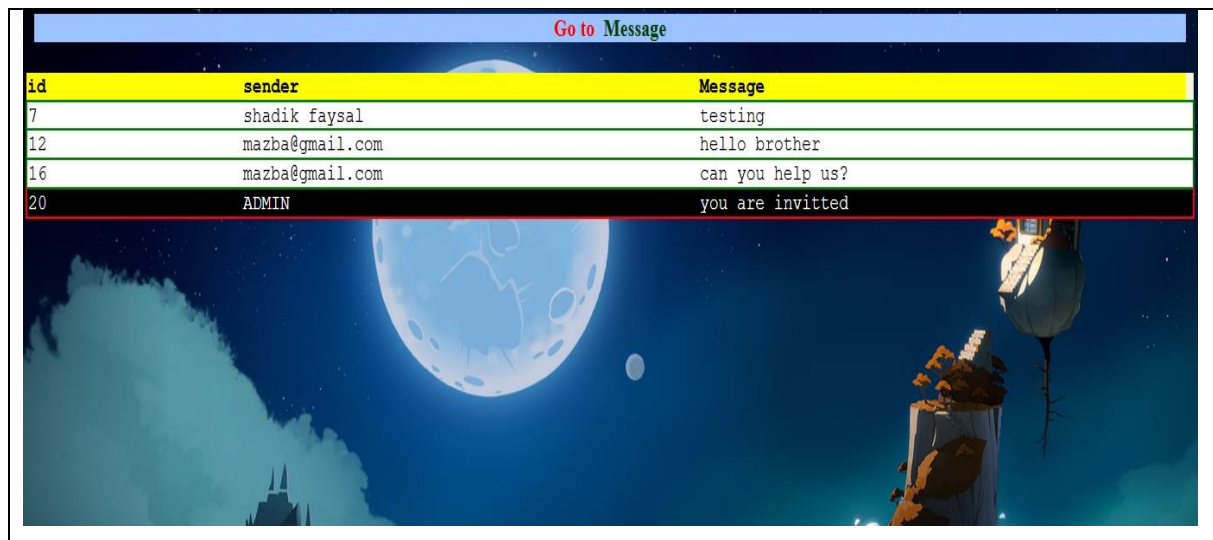
Update First Name	<input type="text"/>	Update
Update Last Name	<input type="text"/>	Update
Update City	<input type="text"/>	Update
Update Mobile	<input type="text"/>	Update

New Password	<input type="text"/>
Confirm	<input type="text"/>
Update	

8. Messages:



9. User Inbox:



10. Compose Message:



11. See request:

[Go to Homepage](#)

ID	Name	Age	Gender	Blood Group	Disease	Date	Mobile
68	saad	22	MALE	AB+	blood cancer	2019-01-31	01753423512
69	asad	15	MALE	B-	pneumoia	2019-01-31	01866534251
70	mizan	25	MALE	B+	pet betha	2019-01-31	01753423512
71	happy	25	FEMALE	O-	pregnant	2019-01-31	01753423512
72	mizan	23	MALE	B+	pet betha	2019-01-31	01976243565

Apply Section

Select for Apply

- 68
- 69
- 70
- 71
- 72

12. Login Options:

[Register](#) [Login](#) [Availability](#)

NEWS:

Site Development Fi

13. Admin Login:

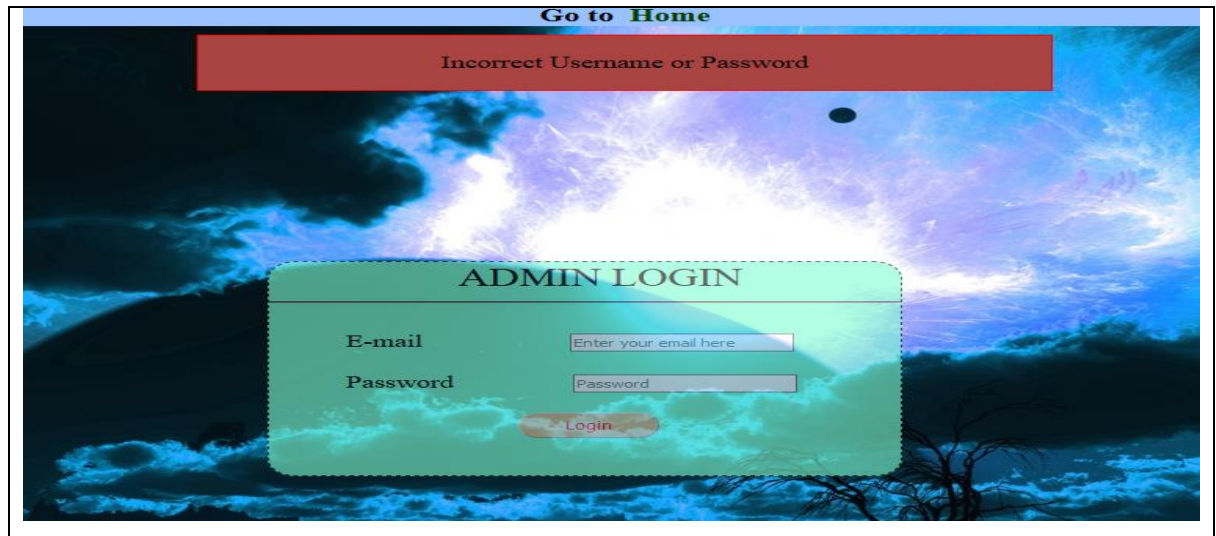
[Go to Home](#)

ADMIN LOGIN

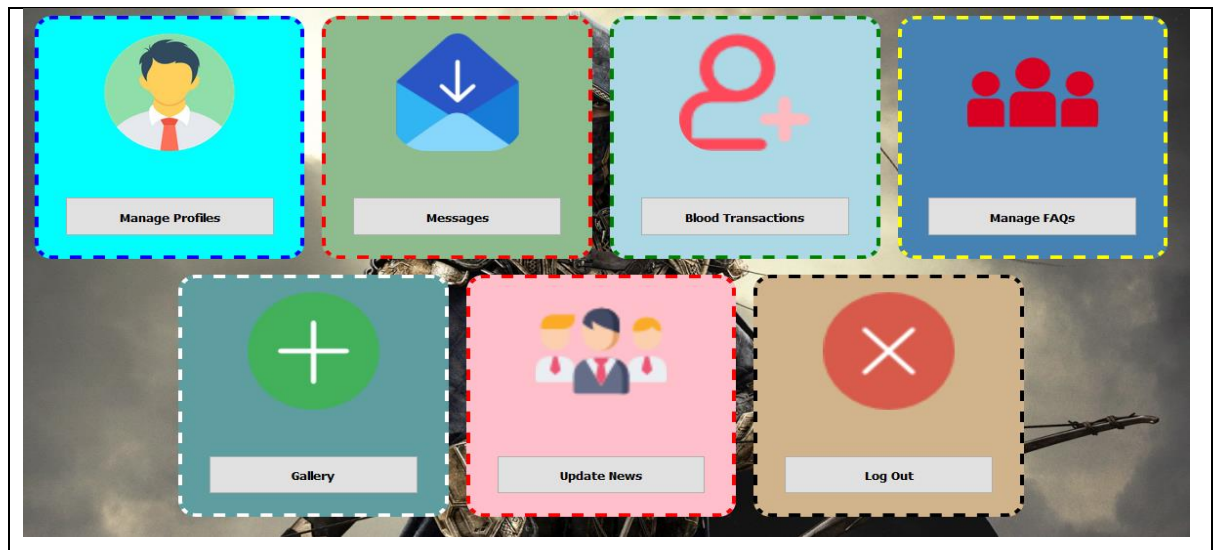
E-mail

Password

14. Admin Login Failed:



15. Admin Panel:



16. Manage Profiles:

Go to Homepage								
First Name	Last Name	Email	DOB	Gender	Blood Group	City	Mobile	Password
asif al	mahmud	asifalmahmud@gmail.com	1997-12-09	B+	MALE	Barisal	01755342231	asif
Jarin	Azmi	jarinazmiorna@gmail.com	1998-12-26	AB+	FEMALE	Barisal	01703107649	orna
MARUF	AL ASLAM	marufalaslam@gmail.com	1997-12-01	A+	MALE	Barishal	01703041119	maruf
mazba	Uddin	mazba@gmail.com	2003-07-07	B+	MALE	Dhaka	01748229818	mazba
mizanur	rakib	mizan.cse.pstu@gmail.com	1997-12-18	B+	MALE	bhola	654756361273	mizan
rifat	rahman	rifatcse14.pstu.ac.bd	1998-11-11	A+	MALE	barguna	123456789	rifat
shadik	faysal	shadikfaysalmeshkat@gmail.com	1998-12-26	A+	MALE	khulna	0183651839	shadik
subir	mukherzee	subirm141@gmail.com	1995-10-15	B+	MALE	Barisal	01863775188	subir
Tarun	Chandra	tarunchandra@gmail.com	1998-12-14	B+	MALE	Barisal	01724783655	tarun

Operation Section	
Select for operation	asifalmahmud@gmail.com
<div>Delete Account</div> <div>Appoint as Admin</div>	<div>First Name</div> MARUF <div>Last Name</div> AL ASLAM <div>Email</div> marufalaslam@gmail.com <div>Date of Birth</div> 1997-12-01 <div>Blood Group</div> A+ <div>Gender</div> MALE <div>City</div> Barishal <div>Mobile</div> 01703041119 <div>Password</div> maruf

17. Admin Messages:

Go to Homepage

Recipient's Email: asfahmahmud@gmail.com

Your Message:

Send

18. Transactions of Blood:

Go to Homepage

Completed Transaction

ID	Patient Name	Blood Group	Date
1	maruf	A+	2018-10-10
2	akkas mia	B+	2019-01-31
3	Mr. X	A+	2019-01-24

19. Replies:

Go to Homepage

ID	NAME	EMAIL	QUESTION
5	akash	akash@gmail.com	how can I access you?
7	tarun	tarunchandradas@gmail.com	how are you?
10	mizan	mizanrakib.cse.pstu@gmail.com	Can I find B+ blood here?

Answer Section

Email: akash@gmail.com

Answer:

Sent Mail

20. Upload images into gallery:

Go to Homepage

Browse... No file selected.

submit

Blood Donation Camp

BLOOD DONATION CAMP
DONATE BLOOD SAVE LIVES

AIRCEL

21. Update news:

Go to Homepage

Update News Section

News:

SUBMIT

Previous News Section

ID	News
12	Website Development Finished.We are now in Service.Stay with US
11	testing.....
10	Blood Bank System
8	Welcome to Smart Blood Bank.Happy Donating :)
7	news testing
6	Welcome Everyone
3	Blood bank camping successfully ended in Barisal

22. See Availability of Blood:

Search Blood

Go to Home

Select Blood Group:

Check Availability

Name	Gender	D.O.B	Blood Group	City	Mobile
SARUF	MALE	1997-12-01	A+	Barishal	01703041119
Rifat	MALE	1998-11-11	A+	Barguna	123456789
shadik	MALE	1998-12-26	A+	khulna	0183651839

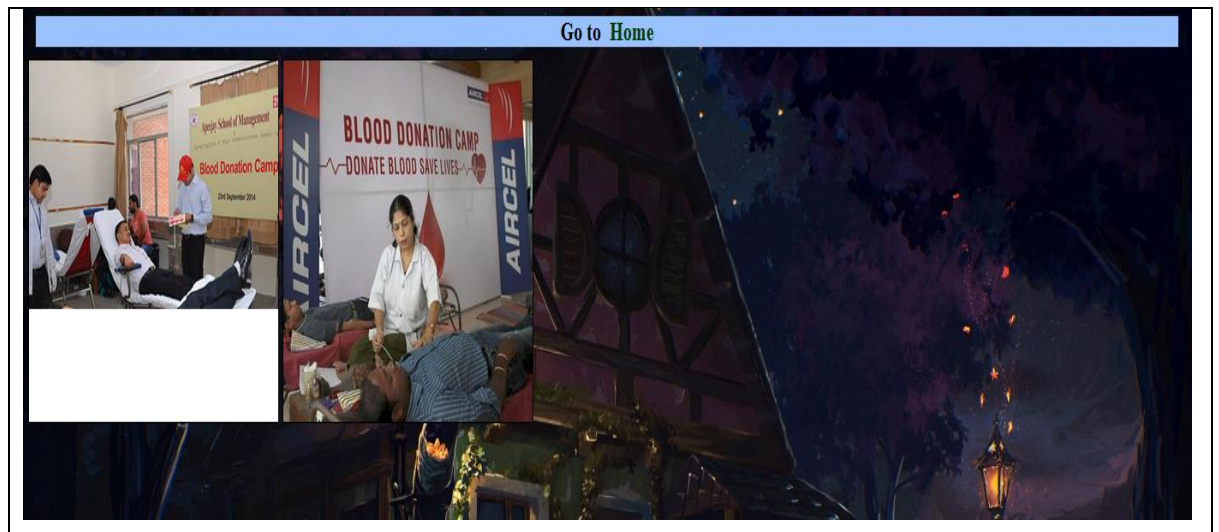
[Go to Home](#)

Select Blood Group:

0 Result found

Name	Gender	D.O.B	Blood Group	City	Mobile

23. Gallery:



24. Scrolling News:



Limitations:

1. The webpage should be responsive.
2. The webpage should be fully dynamic.
3. User name should be use to login as user and admin.
4. Blood request should be shown according to the blood group of the user.