

# **BLOOD DONATION APP**

Project user manual

**By:**

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**Section-A**

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## ❖ Introducing the Blood Donation App: Your Lifesaver Connection

The Blood Donation App is your go-to platform for managing your blood donation journey with ease and efficiency. This user-friendly application is designed to streamline the process of blood donation, offering a range of features to both donors and recipients, ensuring that anyone in need can easily access the help they require.

Key Features:

**1. Dual Registration:** Users can sign up as either donors or recipients, offering a tailored experience based on their preferences and intentions. Donors can provide their information for others to see, while recipients can remain anonymous.

**2. Profile Management:** Donors have the ability to view and update their profiles, allowing them to maintain accurate information, upload a profile picture, and manage their contact details for better accessibility.

**3. Search Functionality:** The app provides a robust search feature that allows users to find donors by filtering based on blood group and geographical location, including division, district, and sub-district, ensuring a quick and effective way to connect with potential donors.

**4. Secure and Convenient Login:** Once users log in, they remain securely logged in, eliminating the need to repeatedly enter credentials. Users can also log out at any time to ensure account security.

**5. Privacy:** Recipients' information remains confidential and is not visible to other users. This feature ensures that those in need can access blood without disclosing their personal details.

**6. Password and Email Updates:** Users have the flexibility to change their passwords and email addresses as needed, ensuring account security and communication preferences.

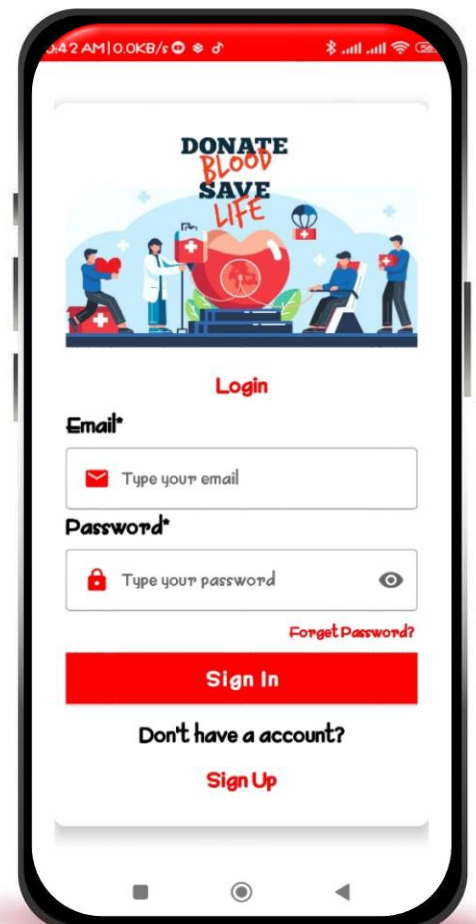
**7. Account Deletion:** Should users decide to discontinue their engagement with Blood Donation, they can easily delete their accounts, ensuring their data is no longer accessible through the platform.

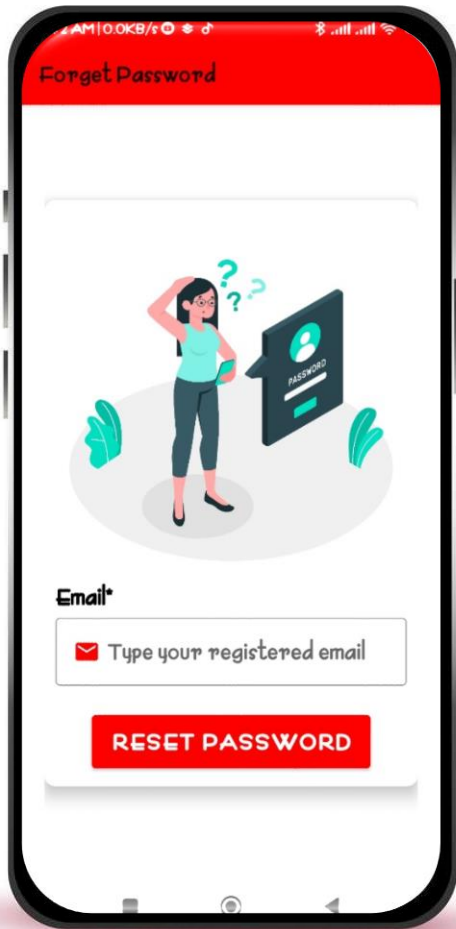
The Blood Donation App serves as a crucial bridge between those who wish to make a difference through blood donation and those who urgently require it. It simplifies the process, respects user preferences, and provides a seamless, user-friendly experience for all. Join us in this life-saving mission and download the Blood Donation App today!



1. When start the app, we firstly see this "SplashScreen" on the screen which represents the starting of the app.

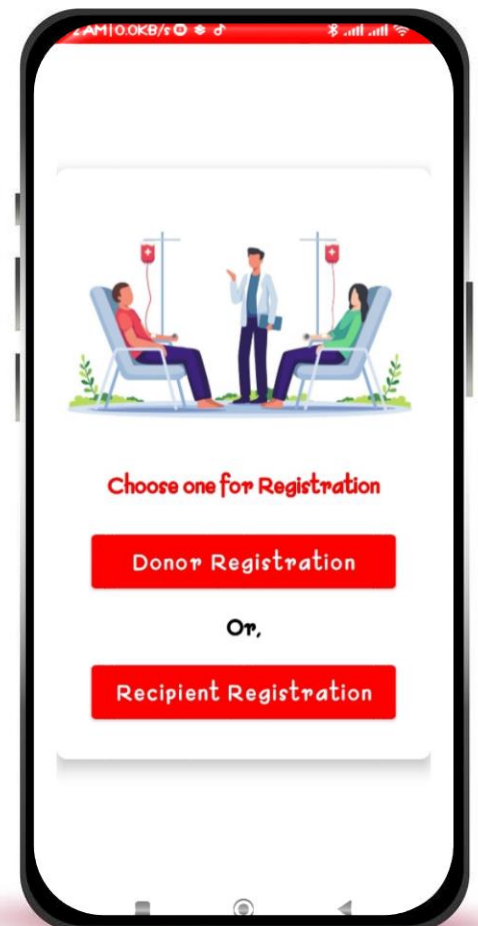
2. If we do not logged in earlier, then the Sign in ( Log in) will pop up. If we have already created a account then we will log in by inserting valid email and password. Otherwise it will take us to the registration page.






3.If we forgot password ,so in the previous screen we have a forget password button below the password box. By clicking it we will be forwarded to this screen and here we can change password

4. In this screen we have to choose between two options. 'Donor Registration' for those who want to donate blood and their information will be shown to others who need them and the 'Recipient Registration ' for those who are unable to give blood but need them





**Donor Registration**  
Sign up to continue

**Full Name\***

**Email\***

**Date of Birth(dd/mm/yyyy)\***

**Gender\***

☐ Male ☐ Female

**Blood Group\***

5. Then by clicking the 'Donor Registration', we will head to the this screen where we have to give our necessary Details.

6. when we click the "Date of Birth" a calendar will pop up , from here we can select our date of birth.



**Donor Registration**  
Sign up to continue

**Full Name\***

2023  
**Tue, 17 Oct**

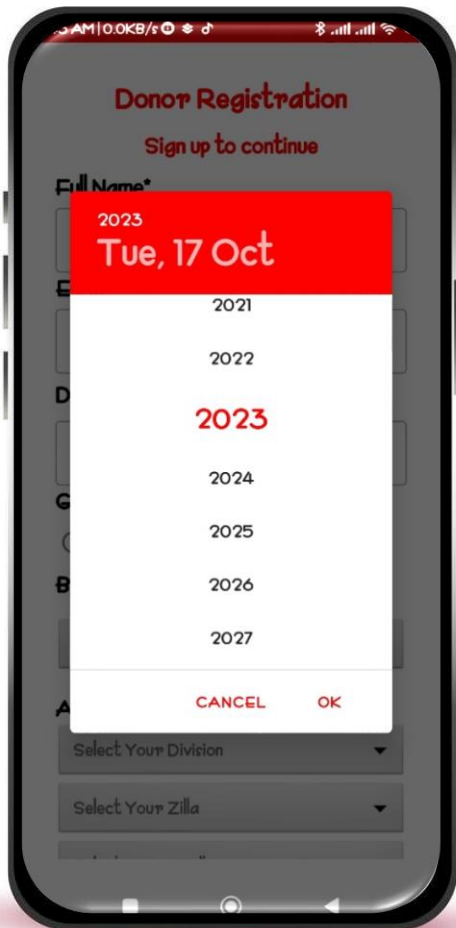
< October 2023 >

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30	31					

CANCEL OK

Select Your Division

Select Your Zilla



7. If we click the year then this thing will pop up and we can easily select the year .

8. From the blood group spinner ,we must need to select our blood group type .



**Blood Group\***

Select Your Blood Group

**Address\***

Select Your Division

Rajshahi

Dhaka

Rangpur

Chattagram

Khulna

Barishal

Sylhet

Mymensingh

**Sign Up Now**

Already registered?

**Blood Group\***

Select Your Blood Group

**Address\***

Rajshahi

Select Your Zilla

Rajshahi

Naogaon

Bogura

Chapainawabganj

Natore

Pabna

Sirajganj

Joypurhat

**Sign Up Now**

Already registered?

**Blood Group\***

Select Your Blood Group

**Address\***

Rajshahi

Naogaon Sadar

Atrai

Badalgachhi

Dhamoirhat

Manda

Mohadevpur

Niamatpur

Patnitala

Porsha

Raminagar

Sapahar

**Sign Up Now**

Already registered?

9. Here we can simultaneously select the “Division, Zilla(District) , Upzilla (Sub-district) to confirm the current address of the user.

Rajshahi

Naogaon

Select Your Upzilla

**Phone Number\***

Type your phone number

**Password\***

Type your password

jahsvhshe

Please enter mix of Letters(upper and lower case), Number and Symbols

Confirm password

**Sign Up Now**

Already registered?

Sign In

Select Your Blood Group

**Address\***

Rajshahi

Naogaon

Select Your Upzilla

**Phone Number\***

Type your phone number

**Password\***

Type your password

Si@hhhhh

Your Password is Strong

Confirm password

**Sign Up Now**

Already registered?

Sign In

Rajshahi

Naogaon

Select Your Upzilla

**Phone Number\***

Type your phone number

**Password\***

Type your password

jahsv

Password must 8 Characters long

Confirm password

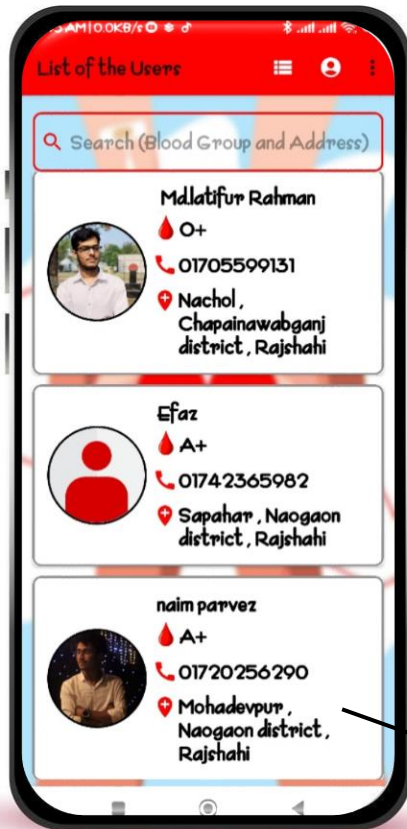
**Sign Up Now**

Already registered?

Sign In

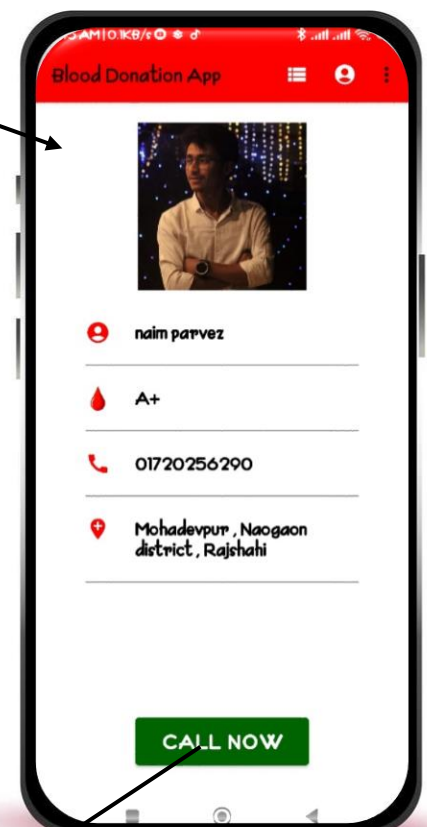


10. In the password section we need input our password "8 characters long " and " Mix of number symbols, upper case and lower case letters", otherwise it will show error.

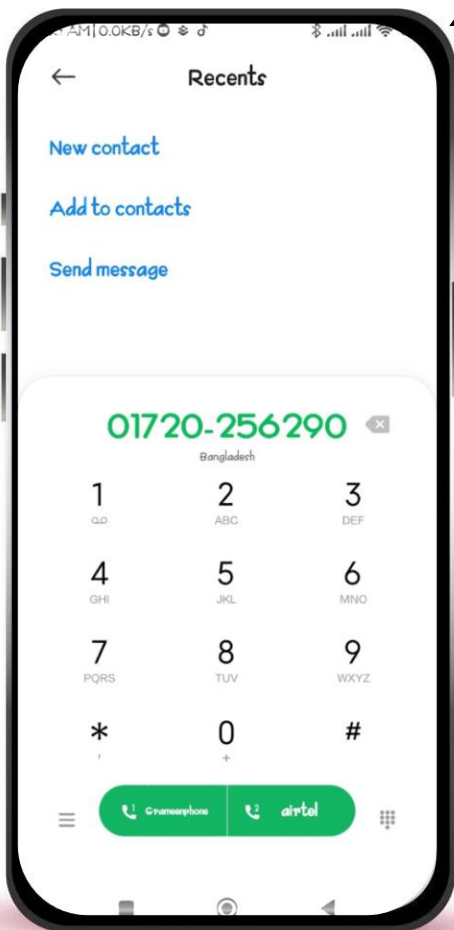


11. After completing the registration we will head up to the list of the “Donors” and our information will also update on the list .

12. If we want to see the information of the user we just have to click on the user card and this screen will pop up to show the necessary information to communicate with them .

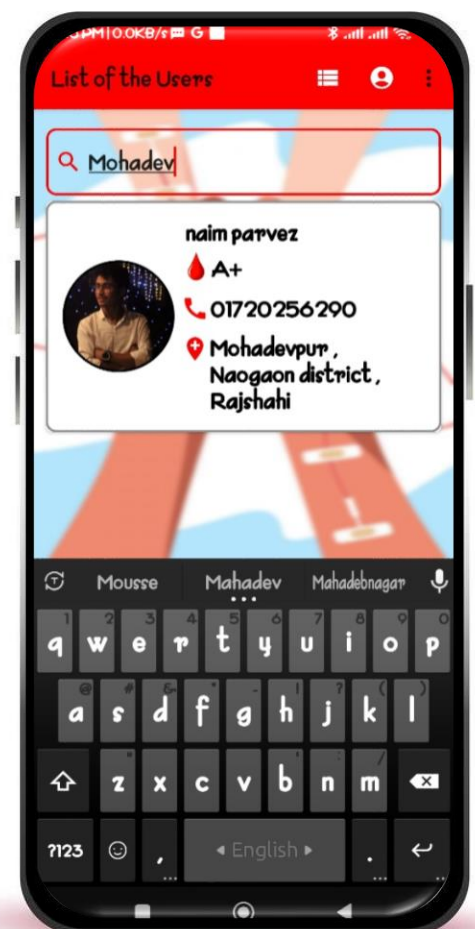


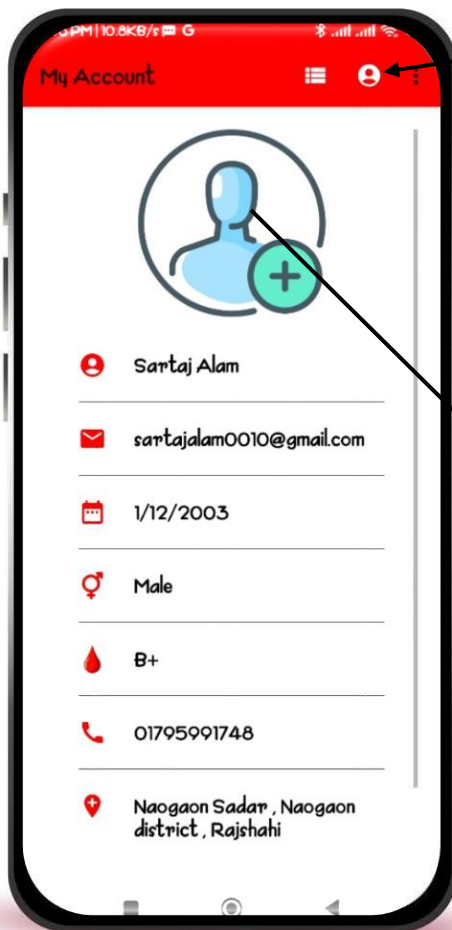




13. if click on call now button , we will head up to our default dialer by doing this we don't need to retype the number manually on the dialer .

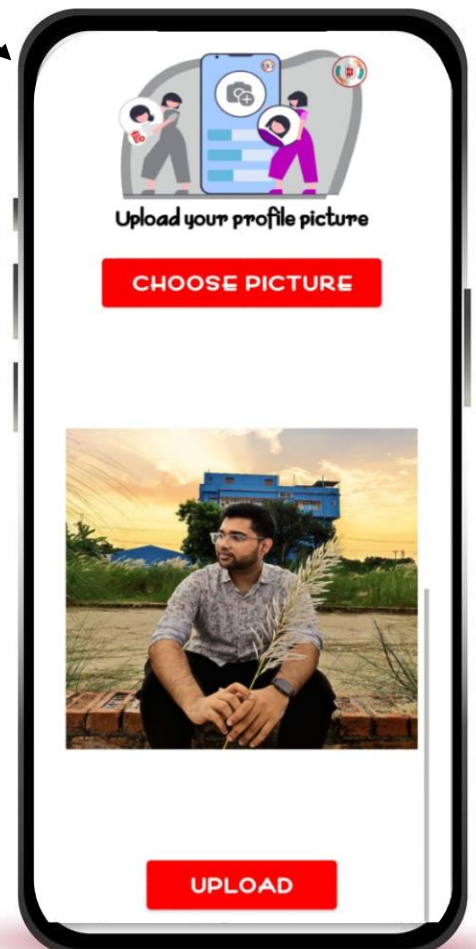
14. In the search box we can easily search the Donor by their "Name" ,"Blood Group" ,"Address". Basically to find the exact user in our neighbourhood we just need to search address and blood group type.



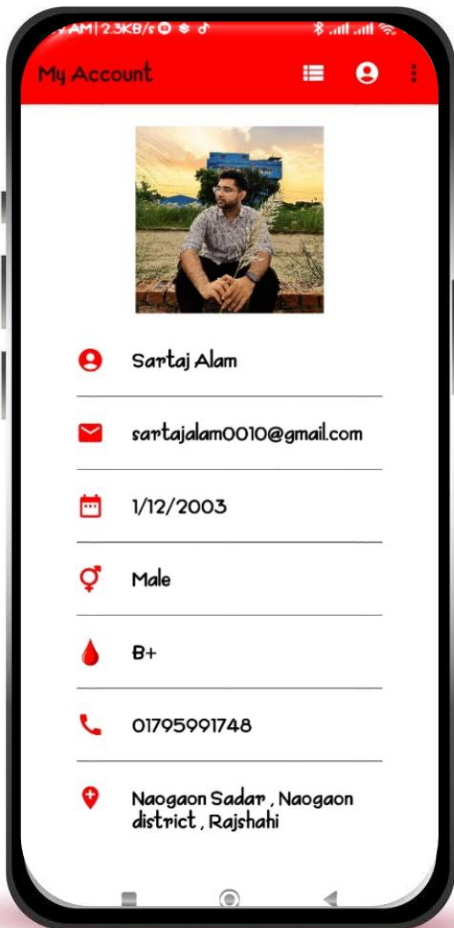


15. If we click on this icon ,this will lead us to our own profile .

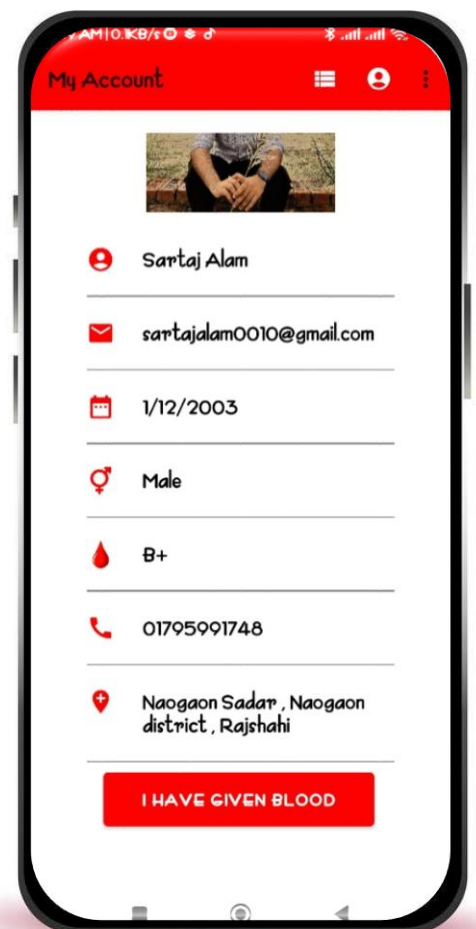
16. By clicking the upper icon we can set out profile picture ,otherwise it will show blank .At first clicking the “Choose picture” button we need to choose our desired picture and then upload it by clicking the ‘Upload’ button.



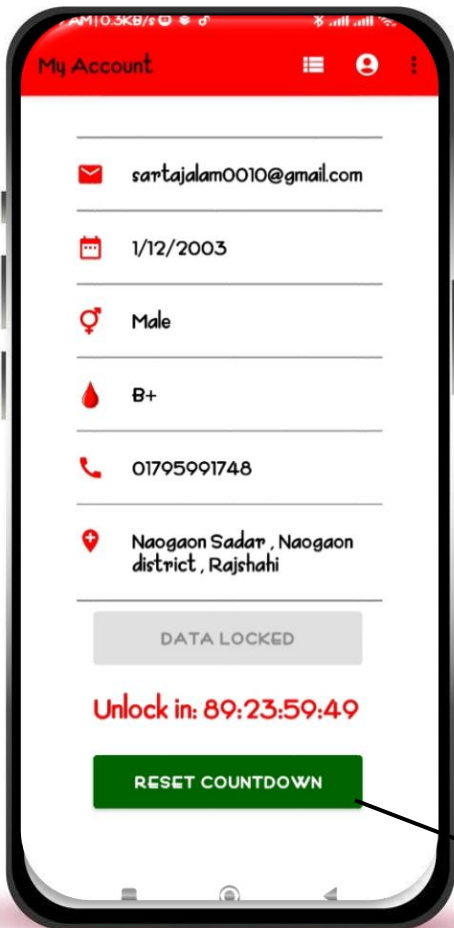
17. Then our profile will be seen like this.



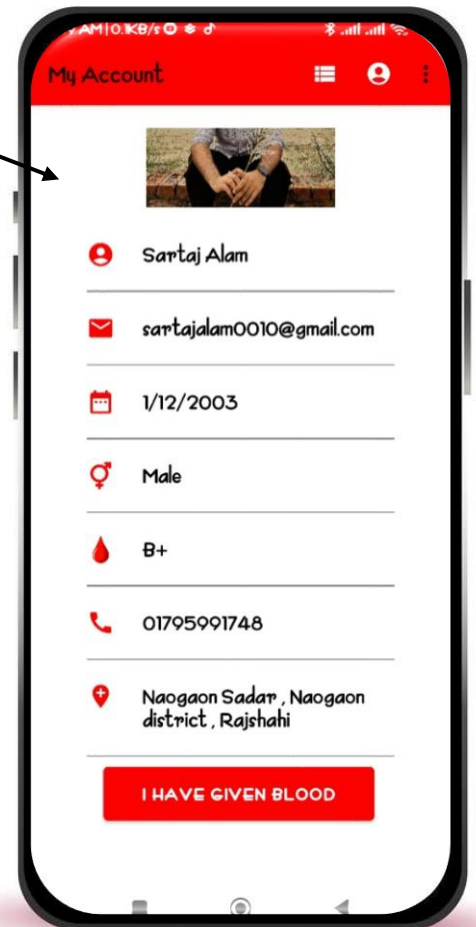
18. When we give someone blood ,we can not give blood until 3 months , for the time being we does not want to show our information on the list. But if we click the “I have Given Blood” button ,it will freeze our information for the next 3 months.



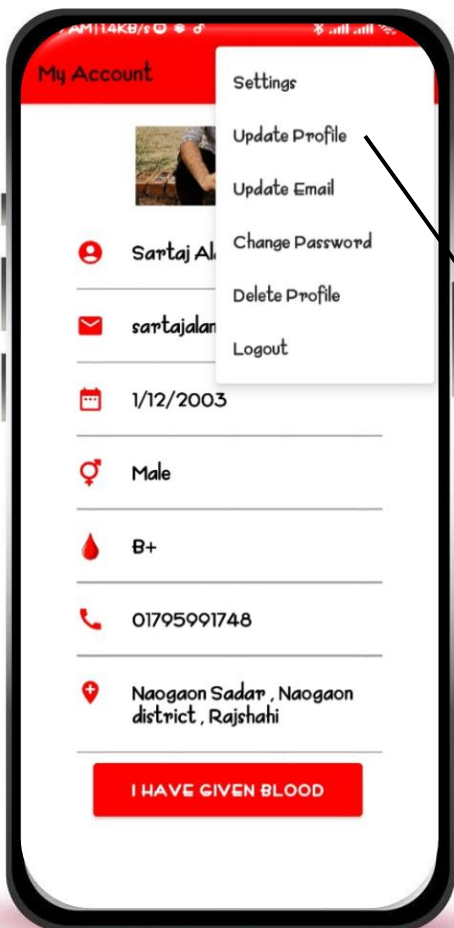
19. this screen will show.



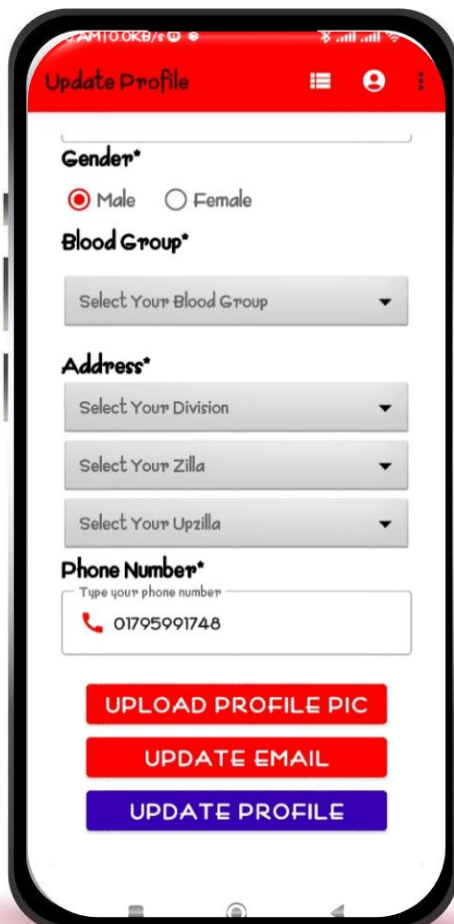
20. By clicking the “Reset Countdown” button we can again come back to the previous state where our information will be shown or automatically this thing will happen after 3 months.

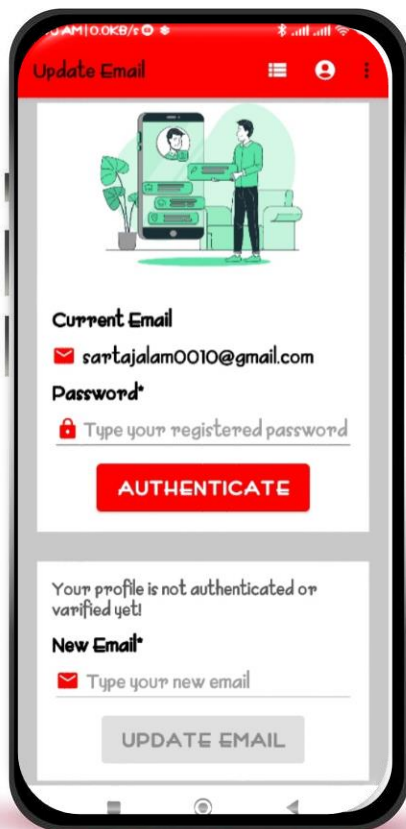


21. In the top right corner we have setting option .




22. From here we can update our profile.





**Update Email**



**Current Email**  
 📧 sartajalam0010@gmail.com

**Password\***  
 🔒 Type your registered password

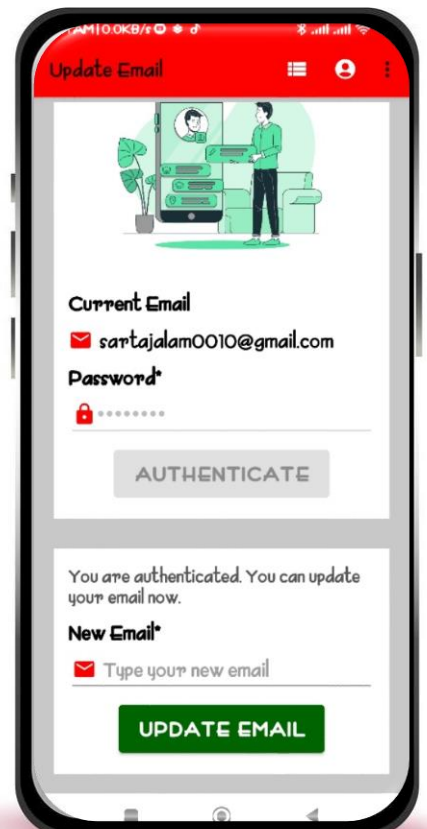
**AUTHENTICATE**

Your profile is not authenticated or verified yet!


**New Email\***  
 📧 Type your new email

**UPDATE EMAIL**

23. To change the email, we need to authenticate first by giving the current and current password. If we are authenticated then the “Update” will be enable , otherwise disable.



**Update Email**



**Current Email**  
 📧 sartajalam0010@gmail.com

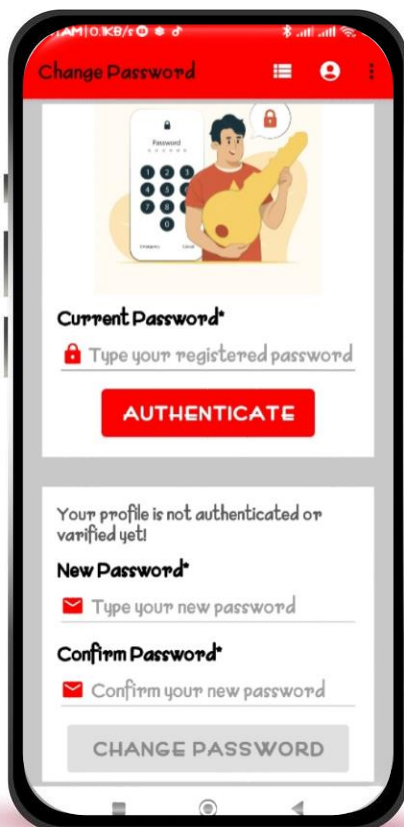
**Password\***  
 🔒 .....

**AUTHENTICATE**


You are authenticated. You can update your email now.

**New Email\***  
 📧 Type your new email

**UPDATE EMAIL**



**Change Password**



**Current Password\***  
 🔒 Type your registered password

**AUTHENTICATE**

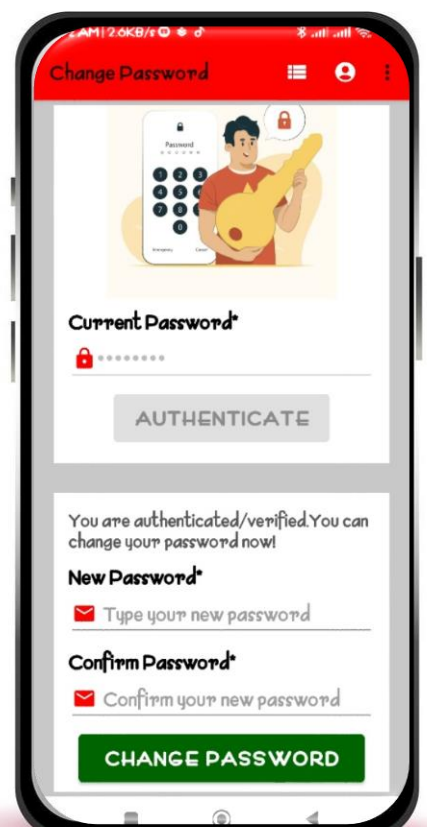
Your profile is not authenticated or verified yet!

**New Password\***  
 📧 Type your new password


**Confirm Password\***  
 📧 Confirm your new password

**CHANGE PASSWORD**

24. Similarly to change the password, we need to authenticate first by giving the current and current password.



**Change Password**



**Current Password\***  
 🔒 .....

**AUTHENTICATE**

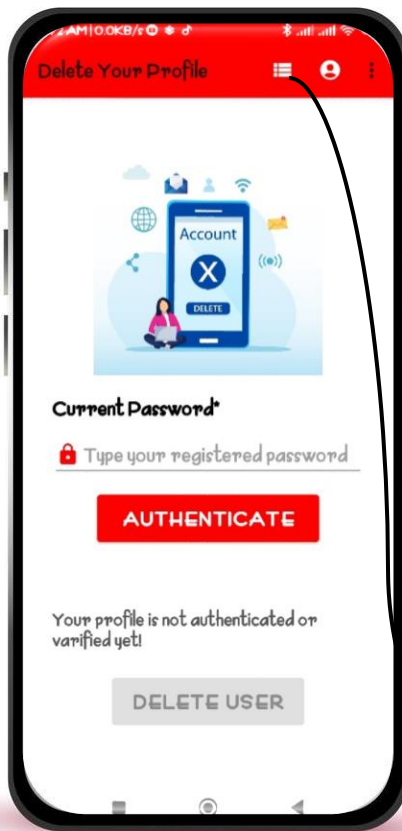
You are authenticated/verified. You can change your password now!

**New Password\***  
 📧 Type your new password

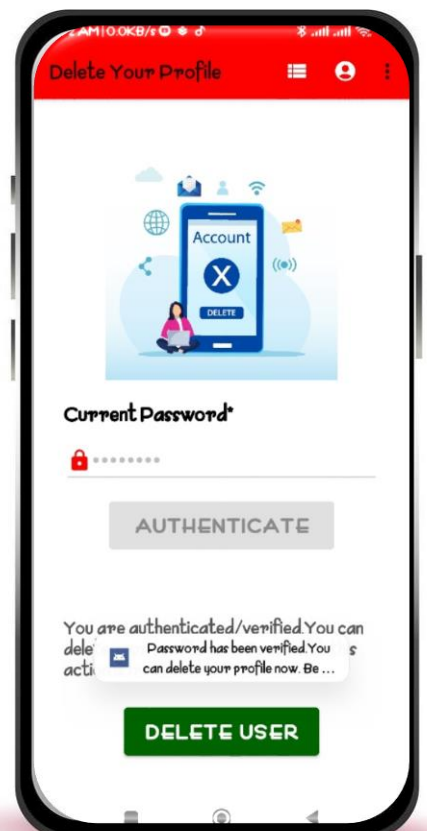
**Confirm Password\***  
 📧 Confirm your new password

**CHANGE PASSWORD**





25. Similarly to delete the account, we need to authenticate first by giving the current and current password.



26. By clicking the icon we can see the list of the user.





## ❖ Conclusion

In this user manual for the Blood Donation App, we've walked you through the comprehensive set of features and functionalities that this application offers, ensuring a smooth and efficient experience for both blood donors and recipients. This app serves as a vital tool in bridging the gap between those willing to donate blood and those in urgent need of it.

The Blood Donation App is more than just a digital platform; it represents a lifeline that can save lives. By simplifying the donation process and respecting user preferences, it aims to foster a culture of voluntary blood donation and support those in their times of need.

As we conclude this manual, we emphasize the importance of embracing technology to enhance and streamline healthcare and humanitarian efforts. The Blood Donation App is a prime example of how technology can make a profound impact on society, ultimately contributing to the well-being and safety of our communities.

We encourage users to explore the app, make the most of its features, and join us in this noble mission of saving lives through blood donation. Your participation can make a significant difference, and your support is instrumental in making this app a cornerstone in the world of healthcare and community support. Together, we can create a healthier and more compassionate world. Thank you for choosing the Blood Donation App.