

A person wearing a white lab coat and purple nitrile gloves is holding a blood bag. The bag has a white label with a barcode and some text. The background is blurred, showing what appears to be a medical setting.

GetBlood- A Blood Bank Management System

Become a blood donor, find blood for patients & many more!!!

GetBlood is a search system for listing blood donors, recipients and providing information about blood groups available in a blood bank. This site will help to find blood for patients in an easier and efficient way and will save time in case of emergency.

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Introduction:

Blood is a part and parcel of our human body. Though modern science is updating rapidly and medical science has reached upto its mark but till now there is no even a single technology by which we can produce blood. Blood only donate from man to man. In this project we have tried to build a website which will be helpful for human. In a serious or risky condition of a patient if a person needs blood, then he can collect blood from the authority. This website contains donor, recipient information. So, every data is kept to the database and using this database a visitor can know the amount of blood.

User Manual:

GetBlood has several individual sections. Home, Admin, About, Show Inventory is the main sections in homepage. By clicking home button it goes to the original homepage from any page. Show Inventory button shows the amount of blood bags that are stored in the blood bank reserve. A person can see how many blood bags are there. In every page, there contains a hotline also. A person can contact if blood is necessary or if there is any query. There is Donor & Recipient section for users. By clicking in those sections a person can go to the donor or recipient register section & login section.

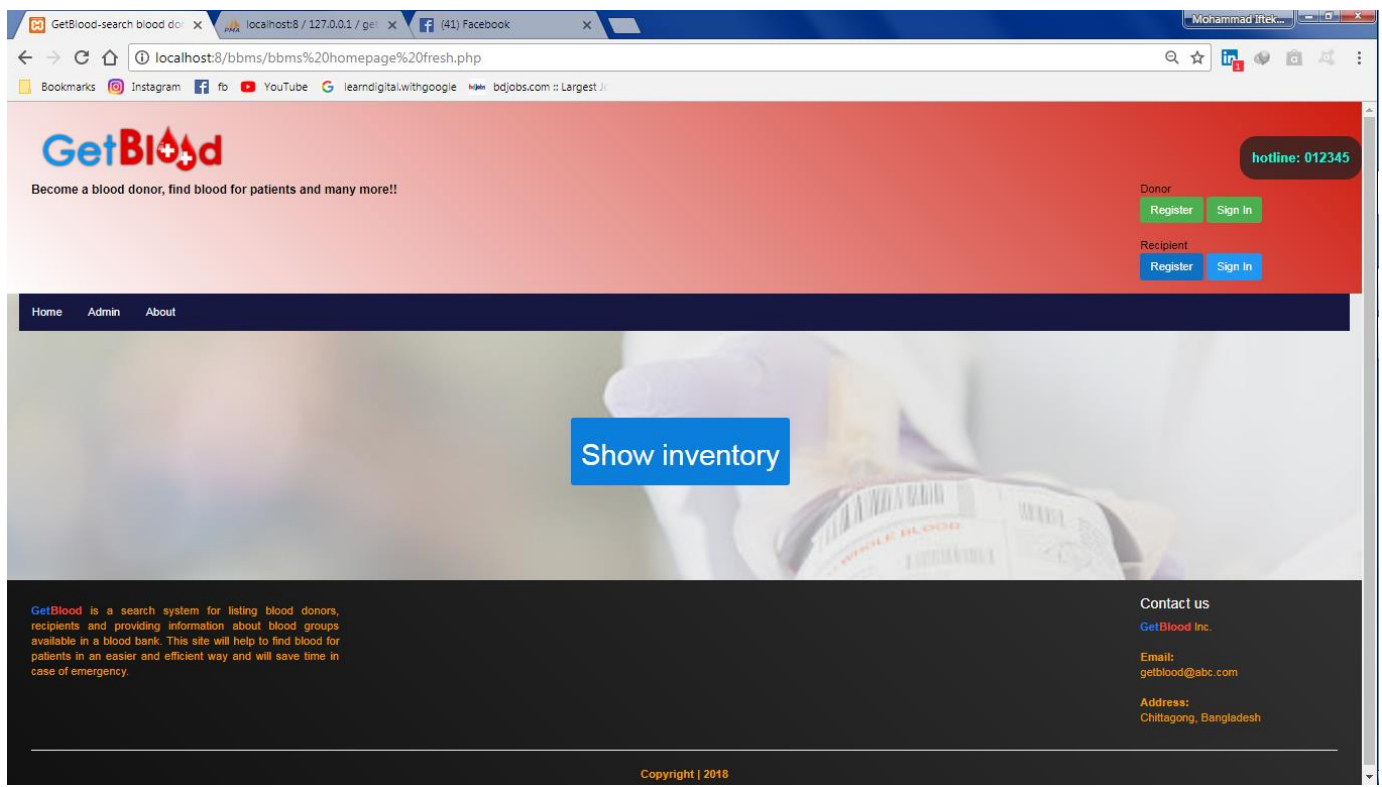
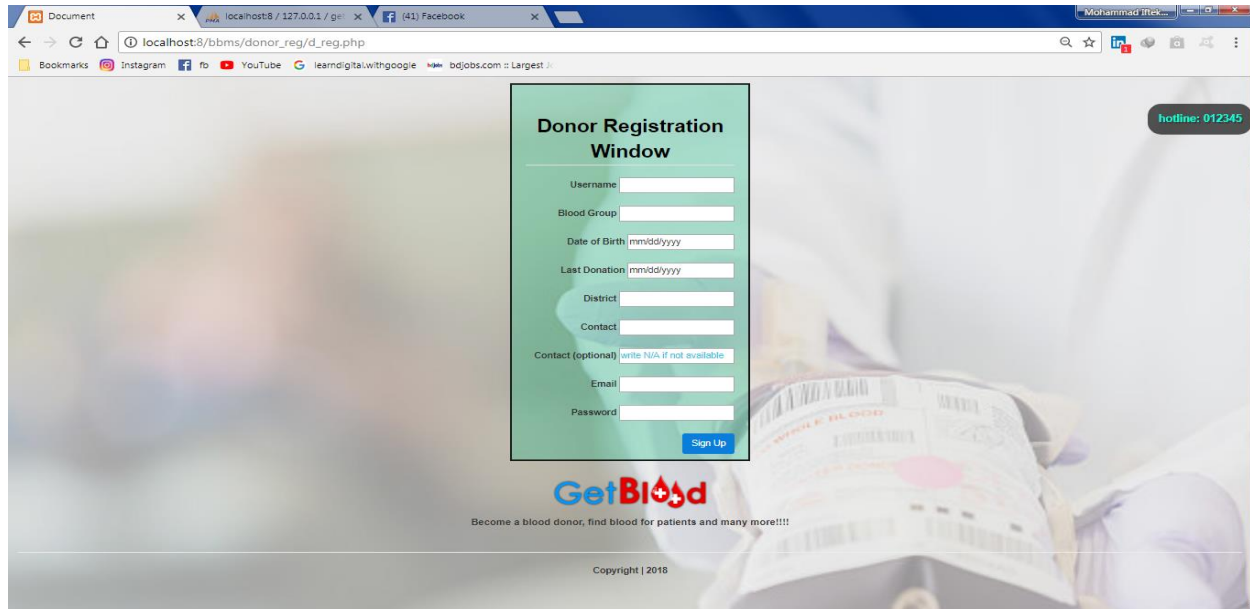


Fig- Homepage of GetBlood- A Blood Bank Management System

Donor Registration Form:

By clicking register button under donor section it opens a Donor Registration Window. A donor has to fill all the options to register. It contains username, blood group, date of birth, date of last donation, district, contact, contact (optional), Email & password. After clicking signup button a new information will be created for that person. To see those information, user should login from the homepage.

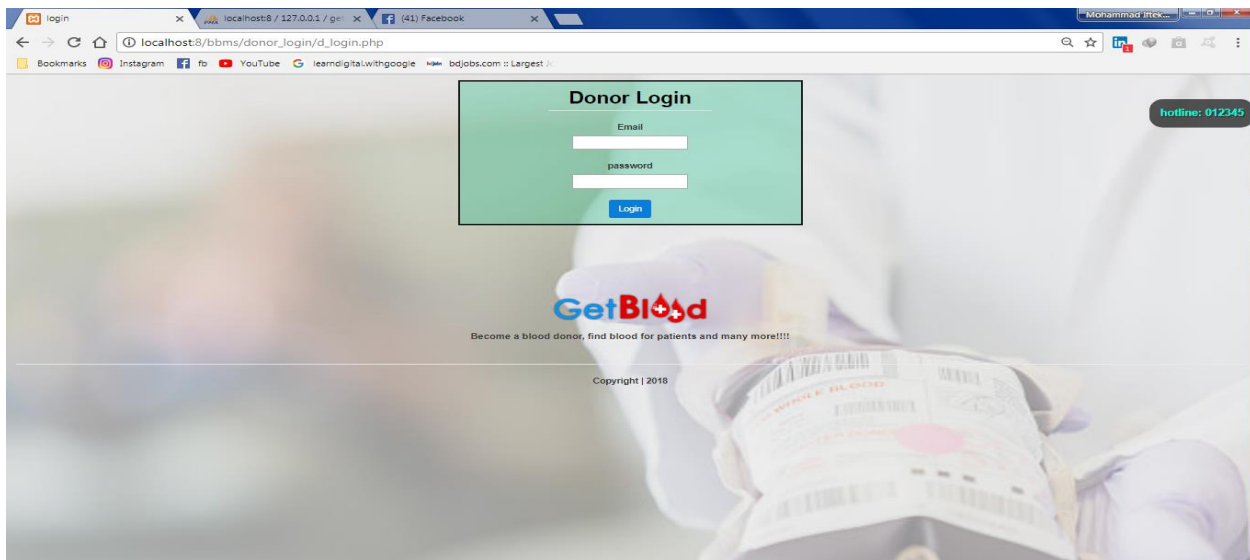


The screenshot shows a web browser window with the URL `localhost:8/bbms/donor_reg/d_reg.php`. The page features a "Donor Registration Window" with the following fields: Username, Blood Group, Date of Birth (format: mm/dd/yyyy), Last Donation (format: mm/dd/yyyy), District, Contact, Contact (optional) (with a hint "write N/A if not available"), Email, and Password. A "Sign Up" button is located at the bottom right of the form. The background of the page shows a person in a white lab coat holding a blood sample card. The "GetBlood" logo is visible at the bottom, along with the text "Become a blood donor, find blood for patients and many more!!!!" and "Copyright | 2018". A "hotline: 012345" button is in the top right corner.

Fig- Donor Registration Form

Donor Login:

After creating signup form a person can login into his account by providing his email & password. Then he can see his information. A user will not be able to update or delete any data from his account.



The screenshot shows a web browser window with the URL `localhost:8/bbms/donor_login/d_login.php`. The page features a "Donor Login" form with the following fields: Email and password. A "Login" button is located at the bottom right of the form. The background of the page is the same as the registration form, showing a person in a white lab coat holding a blood sample card. The "GetBlood" logo is visible at the bottom, along with the text "Become a blood donor, find blood for patients and many more!!!!" and "Copyright | 2018". A "hotline: 012345" button is in the top right corner.

Fig- Login Section (Donor)

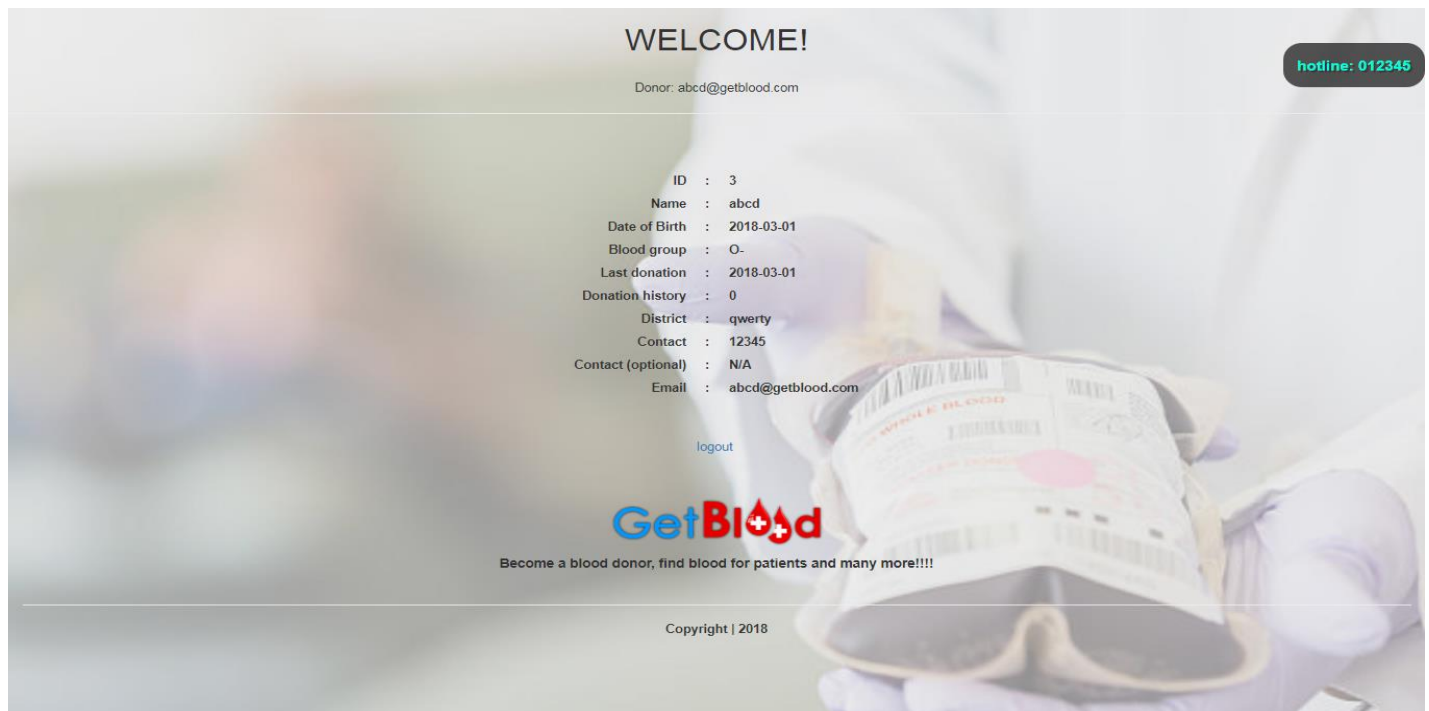


Fig- Donor Homepage (After Login)

Recipient Registration Form:

By clicking register button under recipient section it opens a Recipient registration window. A recipient has to fill all the options to register. It contains username, blood group, date of birth, date of last donation, district, contact, contact (optional), Email & password. After clicking signup button a new information will be created for that person. To see those information, recipient will have to login from the homepage.

Recipient Registration Window

Username

Date of Birth

District

NID no

Contact

Contact (optional)

Email

Password

Sign Up

GetBlood

Become a blood donor, find blood for patients and many more!!!!

Copyright | 2018

hotline: 012345

Fig- Recipient Registration Form

Recipient Login:

After creating signup form a person can login into his account by providing his email & password. Then he can search blood bags or collect blood bags.

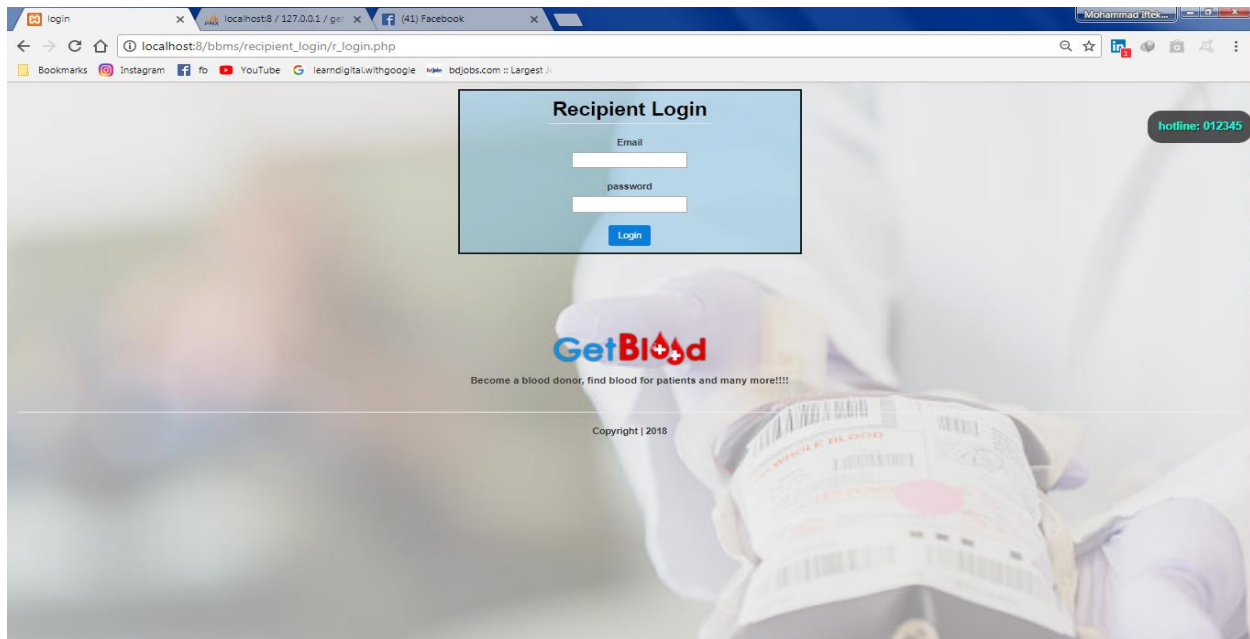


Fig- Recipient Login

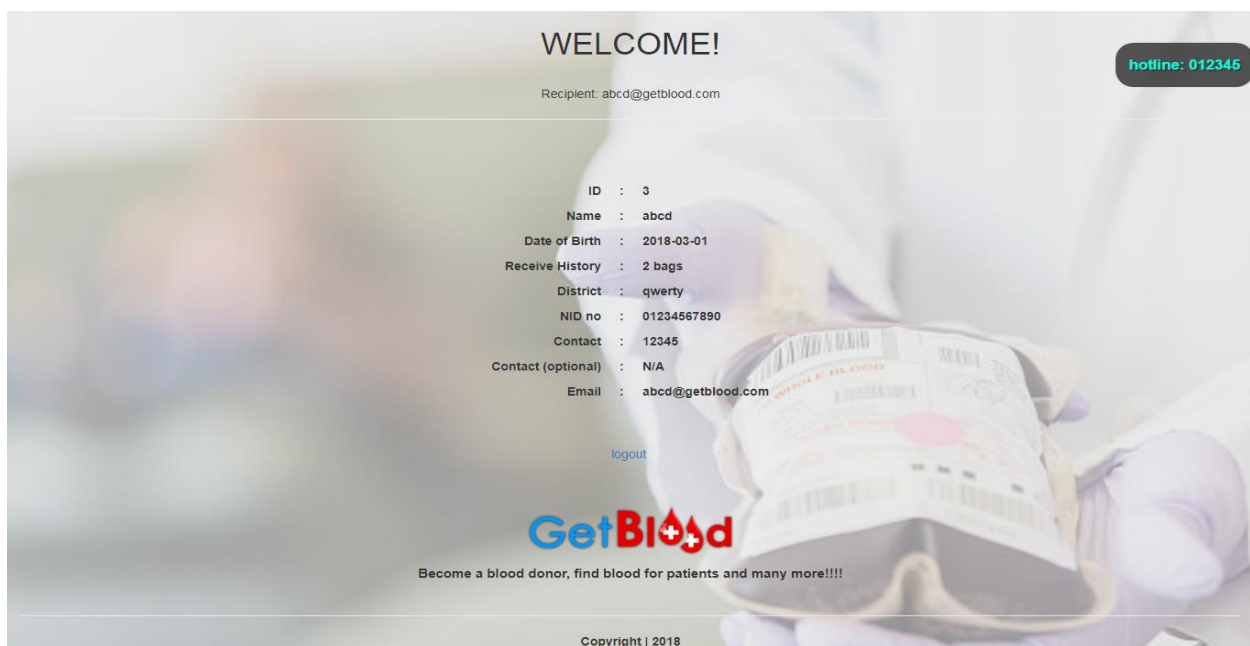


Fig- Recipient homepage (After Login)

Blood Inventory:

By clicking blood inventory a person can see how many blood bags are stored in the blood bank.



Fig- Blood Inventory

Admin Login:

Admin login section has email id & password option. By completing admin login an admin can see how many recipients & donors are there. Admin can update or delete the blood inventory, recipient & donor information but cannot add donor or recipients data.

The screenshot shows a web browser displaying the 'Admin Login' page. The page has a header with the title 'Admin Panel' and a 'hotline: 012345' button in the top right. Below the header is a list of admin users: Mohammad Ittekhhar Uddin Tanvir (ittekharuddin@tanvir@gmail.com), Shaibal Das (shaibal016@gmail.com), Shah Mokarrom Hossain Polash (aristocratpolash@gmail.com), and Santa Roy (santaroy41@gmail.com). In the center is a green 'Admin Login' form with fields for 'Email' and 'password', and a 'Login' button. Below the form is the 'GetBlood' logo and the text 'Become a blood donor, find blood for patients and many more!!!!'. The footer says 'Copyright | 2018'.

Fig- Admin Login

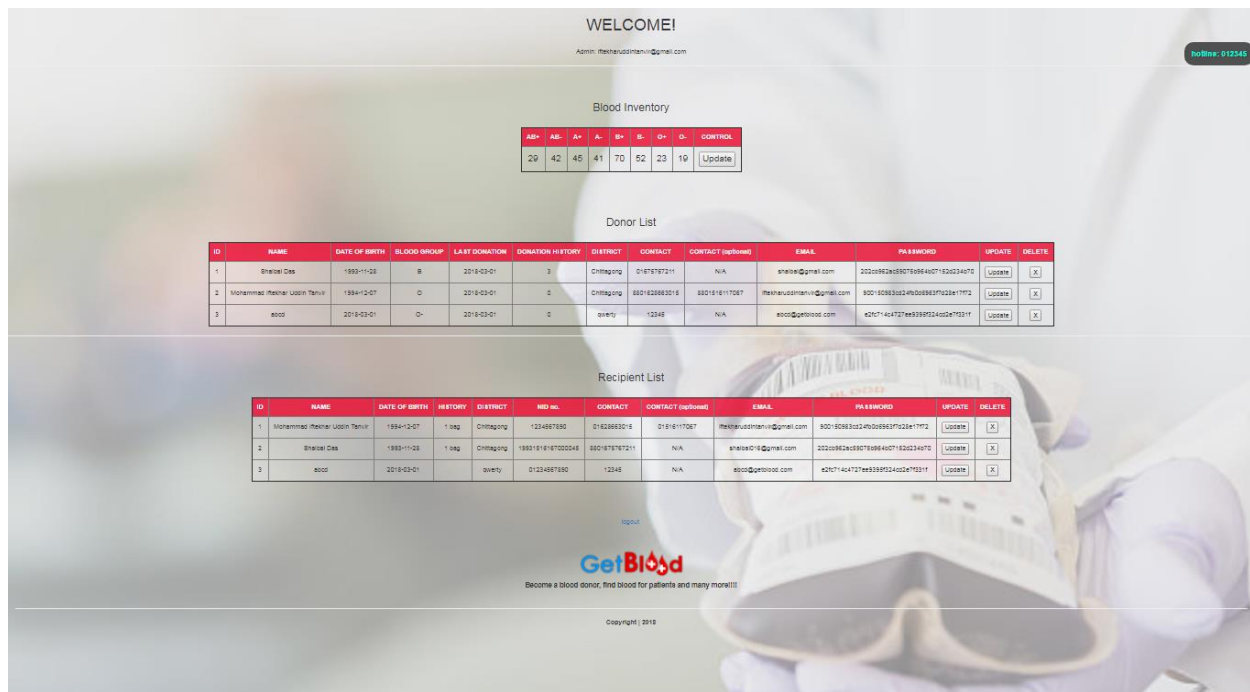


Fig- Admin home (After Login)

Caution:

- Do not use explicit information for registration.
- Do not provide donor or recipient information.
- Do not abuse blood.
- Make yourself confirm about your blood group.
- Be aware about taking blood using used syringe.
- Do not donate blood when you are suffering from various diseases
- Be aware about your blood profile(RBC, RH factor, WBC etc.)