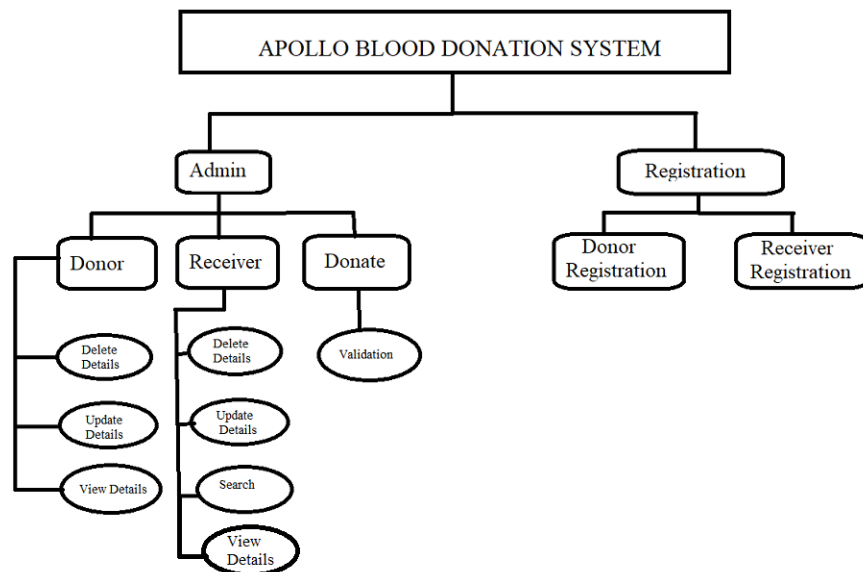


Apollo Blood Donation

Low Level Design

Overview of Apollo Blood Donation:

The main objective of this project is to design an online system for blood donation system. The admin will login into the system. The admin can view the details of donor and receiver and performs various operations.



For Admin Login:

The admin will login with the username and password. If admin enters the correct credentials then the login becomes successful. Otherwise, the admin need to enter the correct credentials.

Once the login successful, the admin can view the details of donor and receiver. The admin can also perform the required operations.

Donor:

The donor can register by giving their details and with the base detail as Aadhar Number. Once, the donor registration is done then the admin can view and maintain the details of donor.

Receiver:

The receiver can register by giving their details and with the base detail as Aadhar Number. Once, the donor registration is done then the admin can view and maintain the details of receiver.

Donate:

Once, the registration of donor and receiver is done, the donate function will check the Blood Group of donor and receiver. If the blood group of donor and receiver is same then the units of donor will increase.

- **main()** : This is the first main function that provides the flexibility about the System.
- **menu()** : This is the function to go for admin menu or to go for the registration.
- **admin()** : The admin can enter by giving the username and the password. By giving the proper details the Admin can login successfully.
- **menu_admin()** : This function is for admin to go for donor, receiver, donate and to exit.
- **registration()** : If the person is new to the system the person has to be registered.

☐ If the person is donor Press 1 for donor registration.

☐ If the person is receiver Press 2 for receiver registration.

- **donor_reg()** : This function is used for donor's registration.

The donor should register by giving the Aadhar number, name, age, Blood group, phone number.

- **receiver_reg()** : This function is used for receiver's registration.

The receiver should register by giving the Aadhar number, name, age, blood group, phone number.

- **donor()** : This function is used to delete, update, view the donor's information.

Enter your choice 1. Delete donor

2.Update donor

3.View donor

4.Go back to main menu

- **del_donor()** : This function is used to delete the donor's information.

By entering the Aadhar Number the specified Aadhar Number person's details will be deleted successfully.

- **update_donor()** : This function is used to update the donor's information.

By entering the Aadhar number the specified Aadhar Number person's details like donor name, age, contact number, gender.

- **view_donors()** : This function is used to view the donor's information.

The Aadhar number, name, age, blood group, phone number of all the donor's

- **receiver()** : This function is used to view the receiver's information.

Enter your choice 1. Delete receiver

2. Update receiver

3. View receiver

4. Search

5. Go back to main menu.

- **del_receiver()** : This function is used to delete the receiver's information.

By entering the Aadhar Number the specified Aadhar number receiver Details will be deleted.

- **update_receiver()** : This function is used to update the receiver's information.

By entering the Aadhar Number the specified Aadhar number details like Name, age, contact number can be updated.

- **view_receiver()** : This function is used to view the receiver's information.

By entering the Aadhar Number the specified Aadhar number person's Details can be viewed.

- **records ()** : This function is used to search for the particular blood group availability.