**19. Blood Donor Central Database And Web-Portal**

**ABSTRACT:**

The objective is to develop a system through which a user can communicate and access information about a particular blood donors or blood providing organizations.For suppose Red Cross Society is an organization which provides blood for the peoples and any organizations. Through our Application we provide the details of the blood donors and detais of the blood providing organizations like hospitals, clinics and blood banks. For this we maintain the centralized database to preserve the details of the blood donors and organizations.Through our website we can give the suggestions to the particular donor or organizations. Our website also provides any common people to join as a donor .

**EXISTING SYSTEM:**

In present system it is difficult to coordinate the details of a blood donors or any blood providing organizations. Often to get the details of the donors or any blood providing organizations we have to go for the manually or we have to search in the agazines but it is time consuming process and takes the much effort also, so we can’t get the details of donors or organizations with in a quick time. Donors can’t interact with some organizations.

**PROPOSED SYSTEM**:

The proposed system maintains a centrelaised database to store information related to blood donors and blood providing organizations. The system maintains means it coordinates the details of donors and organizations at one place. The system allows one to access the information about the particular donors or organizations. Nonusers can interact with our system and they can get the details of the donors and organizations. Through our system the nonuser can also become as a donor.

**MODULES**

(1)Administrator.

(2)Donor.

(3)Organizations.

(4)NonUser.

**(1)Administrator:**

The entire application will be maintained by the Administrator. He can only add the New States, New Cities, New Blood Groups and Organizations into Blood Donor Portal. He can view the all details of the donors and organiations and he can also send the suggestions to both of the donors and organizations. He can update, delete the profile details of the website. The Administrator will give the permissions for donors and organizations to login into our website.

**(2)Donor:**

The Donor is a person that who is ready to donate the blood, so first he has to be register in Blood Donor Portal by specifying his name, contact number, bloodgroup and last donation date etc. He can view the suggestions of admin and the other donors in the Portal that which are send to him. He can also send the suggestions to the Admin and other Donors.

**(3)Organizations:**

If any Organization want to give the existence to the people those who need the blood then the Organization must interact with the Administrator, so the Administrator will provide the Id and Pwd to particular Organization by adding it into Blood Donor Portal website.

Here the Organizations are that may be a Hospitals, BloodBanks and Clinics which are involved in our application. Our website maintains the all details of the Organizations. By these the non-user can easily find out the details of the particular organizations and later he can contact with the organizations by their details.

**(4)Non-User:**

The Non-User is the person that who needs the blood . The Non-User can search the Blood Donor By specifying proper State, City and the Blood Group in our Website.

He can also search any organizations like Hospitals, BloodBanks and Clinics by specifying the their details. If the Non-User want to become as a donor then he can register into our website. The Non-User can be send any quire’s to the Administrator.