

Online Blood Donation System

Project Domain / Category

Web Application

Abstract / Introduction

Blood is the essential element of human body. Without blood humans can't survive. Scientists say that about seven (7) to eight (8) percent of human weight consists of blood. In conventional way blood is donated through some blood organization or Blood banks. Blood bank is thought to be the place where blood is collected from the donor and stored/preserved for a period of twenty eight days (8) maximum for later transfusion.

Blood banks also do not support online blood donor database. The number of donors are increasing with increase in population of the country thus we need to have an effective system to have better control and management of data. Using traditional techniques of data entry by operator a lot of issues may happen, like the risk of outdated data, human boredom, error in data and cost etc.

Owing to solve all the problems the study is done on an automated Blood bank. In the present traditional system the factors like gender, age, last date of blood donation, frequency of blood donation per year are not recorded which is given vital importance in this study and used as recruitment factors in blood donation.

So the prime objective of the project is to find a more efficient way in blood donor database management and to create a medium for people to get connected with potential blood donors around the locality.

Functional Requirements:

Donor:

1. Registration
2. Login/logout
3. Modifying profile
4. Searching record
5. Requests for blood donation

Donee:

1. Registration
2. Login/logout

3. Modifying profile
4. Search record
5. Requests for required blood

Administrator:

1. Login/logout
2. Modifying profile
3. Add donor
4. Delete donor
5. Block donor
6. Send messages to registered donor or done

Tools:

PHP, MySQL, Xampp Server.