



Electronic Blood Donation Portal

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Introduction

advertisements are frequently seen on social Blood Donation and Blood Transfusion Services (BTS) are crucial for saving people's lives. Recently worldwide efforts have been undertaken to utilize social media and smartphone applications to make the blood donation process more convenient, offer additional services, and create communities around blood donation centers. Blood banks suffer frequent shortage of blood hence, networks urging healthy individuals to donate blood for patients who urgently require blood transfusion.

Methods

The motivation of Electronic blood donation is to simplify the process of searching for blood in case of emergency and maintain the records of blood donors recipients, blood donation programs and blood stocks in the bank to meet the entire blood needs of a country we ideally need to establish a transfusion service that sources blood entirely from voluntary blood donors. Successful donor service centers therefore should know how to attract and retain voluntary donors.

Objectives

- To allow the probable recipients to make search and match the volunteer donors and make request for the blood.
- To provide an efficient donor and blood stock management functions to the blood bank by recording the donor and blood details.
- To improve the efficiency of blood stock management by alerting the blood bank staffs
- To provide immediate storage and retrieval of data and information.

Scope

- View and edit information online
- Data is input by the Administrators
- Recording donation records
- Blood requests Registration



Problem Statement

At present, the public can only know about the blood donation events through conventional media means such as radio, newspaper or television advertisements. There is no information regarding the blood donation programs available on any of the portal. The current system that is using by the blood bank is manual system. With the manual system, there are problems in managing the donors' records. The records of the donor might not be kept safely and there might be missing of donor's records due to human error or disasters. Besides that, errors might occur when the staff keeps more than one record for the same donor.

References

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