**SYNOPSIS**

**OF**

**BLOOD BANK**

**MANAGEMENT SYSTEM**

**MAJOR PROJECT**

**ON**

**BLOOD BANK**

**MANAGEMENT SYSTEM**

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**Abstract**

It is a site that maintains day to day transaction in a blood bank, and the information pertaining to blood donors, different blood groups available in each blood bank and helps them manage in a best way.

Blood Bank Management System can help to collect blood from many donors from various sources and distribute that blood to needy people who require blood.

The site includes details like blood type, storage area, and date of storage.

This also contains record of patient as well as donor, contact, and blood booking.

**INTRODUCTION:**

The main aim of this project blood bank management system is to maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and helps them manage in a best way. This system provides transparency in this field, make the process of obtaining blood from a blood bank corruption free and make the system of blood bank management effective. The project consists of central repository containing various blood groups deposit available along with related details.

These details include blood type, storage area and date of storage. These details help in maintaining the blood deposits. The project is an online system that allows checking whether required blood deposits of a particular group are available in the blood bank. This system also help to keep record of patient name and contacts, blood booking and even need for certain blood group is posted on the website to find available donors for a blood emergency.

This system is developed on php platform and supported by a MySQL database to store blood and user specific details. Blood bank management system provides the donors information system, acceptor information system, staff information system. Donor information system details with the organization of the voluntary data.

**System design**

**Software requirement specification**

**Technologies:-**

* **Html**
* **CSS**
* **JavaScript**
* **Mysql**
* **Php**

**Platform:**

**Operating System:** Microsoft windows 8 or 10

**Technologies Used:**

* **Front End:** html
* **Web designing language:** php
* **Back end:** MySql

**Hardware Requirements:**

* **2.00GB RAM**
* **INTEL(R)** [**core^tmi3-3110Mcpu@2.40GHz**](mailto:core%5etmi3-3110Mcpu@2.40GHz)
* **64-bit Operating System**
* **x-based processor**

**FLOW CHART:**

**START**

**OFFICIAL** **WEBSITE**

**IF**

**NOT**

**ELIGIBLE**

**IF**

**NOT**

**ELIGIBLE**

**LOGIN ADMIN**

**REGISTER DONOR**

**BY HIMSELF**

**LOGIN DONOR**

**WITHDRAW DETAIL**

**OF DONOR**

**SEND DETAILS TO**

**ADMIN**

**STOP**

**PROCESS OF BLOOD IN BLOOD MANAGEMENT SYSTEM**

**NEED of Blood Bank Management System**

Blood Bank donation system can collect blood from many donators in short from various sources and distribute that blood to needy people who require blood.

**Project Benefits:**

* Blood safety.
* Blood and blood component storage and distribution.
* Emergency issue of blood.
* To provide online information flow for the management of blood donors and recipients.

**BIBLOGRAPHY:**

**https://www.google.com**