

# *Blood Bank Management System*



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## **BRIEF OVERVIEW**

A simple yet informative blood management system for Patients / Donors. Admins keeps a track of list of donors. A patient can request for blood. Donor can donate blood. An admin who can view blood request by a patient and donor request who wants to donate blood. This project can save life of many people. At this stage we have developed a base which may be utilized accordingly.

## **HARDWARE REQUIREMENT**

i3 Processor Based Computer or higher

Memory: 2 GB RAM

Hard Drive Free Space: 1 GB

## **SOFTWARE REQUIREMENT**

OS: Windows 7 or higher

IDE: Eclipse / Photon

Database: Oracle 10 G

Server: Apache TomCat

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## **Project Development / Implementation Technology**

The software is developed with Front End of HTML / Javascript and Backend is developed using Java and Servlet

Please download and install above all softwares. Thereafter set the path of JDK as default and attach Tomcat Apache with Eclipse . Now using Oracle 10 G prepare tables for database. ( We will provide with relevant instructions upon sale of this software.)

Import the project together with Jar files and Run the project.

## **FUNCTIONALITY OF THE SOFTWARE**

The software consists of following sections:

1. Universal
2. Admin
3. User

Universal section : It consists of 6 Heading buttons

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Home -----User can search blood donor by filling some input field.

Donor List-----User can see the history of blood donor and list updated by Admin.

## FUNCTIONALITY OF THE SOFTWARE

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Donor Register---User can register for using facilities

Blood Request ---- A request can be raised from here by a patient

Login -----Admin & User will login from here.

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Once logged in **Admin** then Directly you will go inside Admin Section. It consists of 5 sections.

--> Home

---> Update last donation----- History Updation of Blood Donor.

---> New Donor-----See the list of User or Donor Who register for blood donation.

---> New Blood Request----- List Of Blood Request Requested by patient(any User).

----> Last Donation-----See last Donation and Update the Donor List history.

If **User** is logged in. It consists of 3 sections:

1. Home

2. Change Password-

3. Last Date of Donation- User can update their last donation status from here.