

A project proposal by

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Blood Bank Management

SECTION: B2

COURSE NO: CSE 2100

COURSE TITLE: Software Development II

**Submitted To
Golam Rahman Tushar Sir**

Introduction: The purpose of the Blood Bank is to simplify and automate the process of searching for blood donor's in case of emergency. With the help of this Blood Bank one person can easily search for his desired blood group donor in his desired area and can also see if that person can give him blood or not. We have made our Blood Bank Management System for an organization who would search the blood donors for the needy person. When a person cannot make direct communication, they can seek help from the organization and find blood donors which can save the life of a dying person.

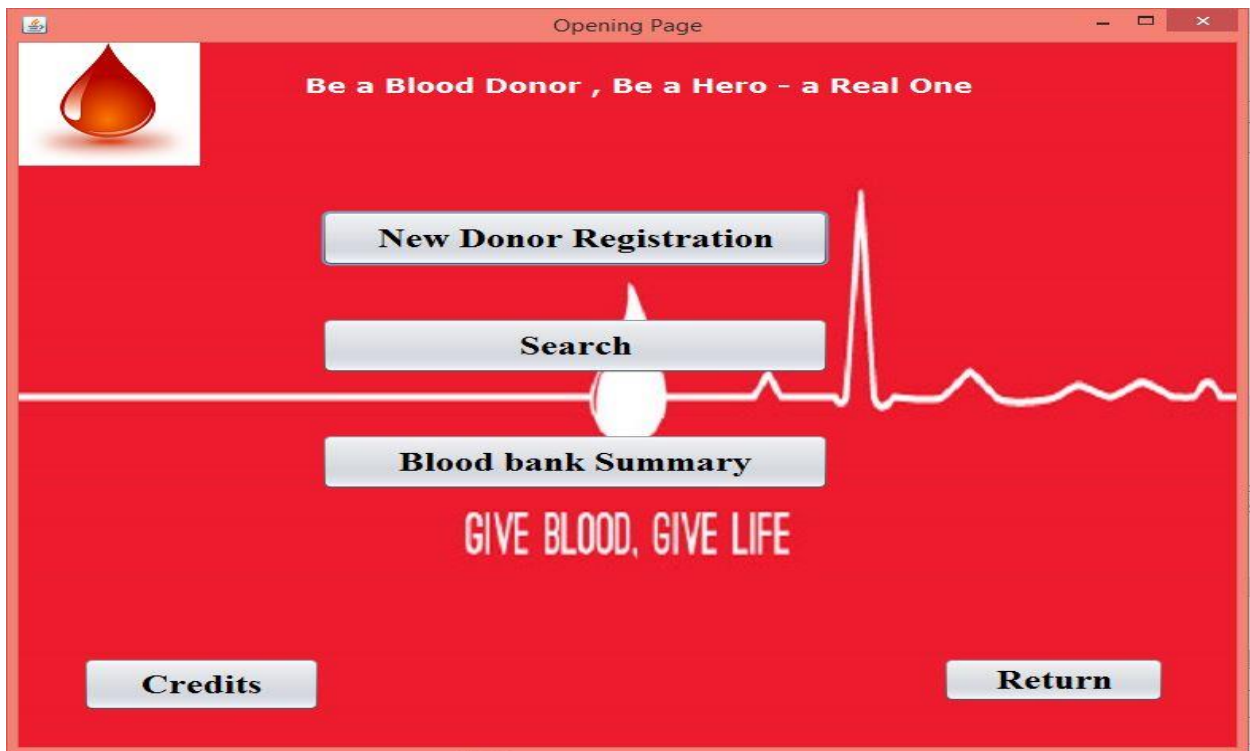
Features: In our Blood Bank Management System we have tried to add different features which will help the organization to search Blood donors very quickly in a short time. Little description of every features is given below.

➤ Login Page:



From this frame the software starts and help to connect to other frame which are needed. In this frame, there is User Name and Password for the person who is going to operate the management system. Only the authorized persons can access the management system.

➤ Option page:



In this frame there are 5 different buttons doing five different tasks.

New Donor Registration: For collecting the information of a person, who wants to become a blood donor.

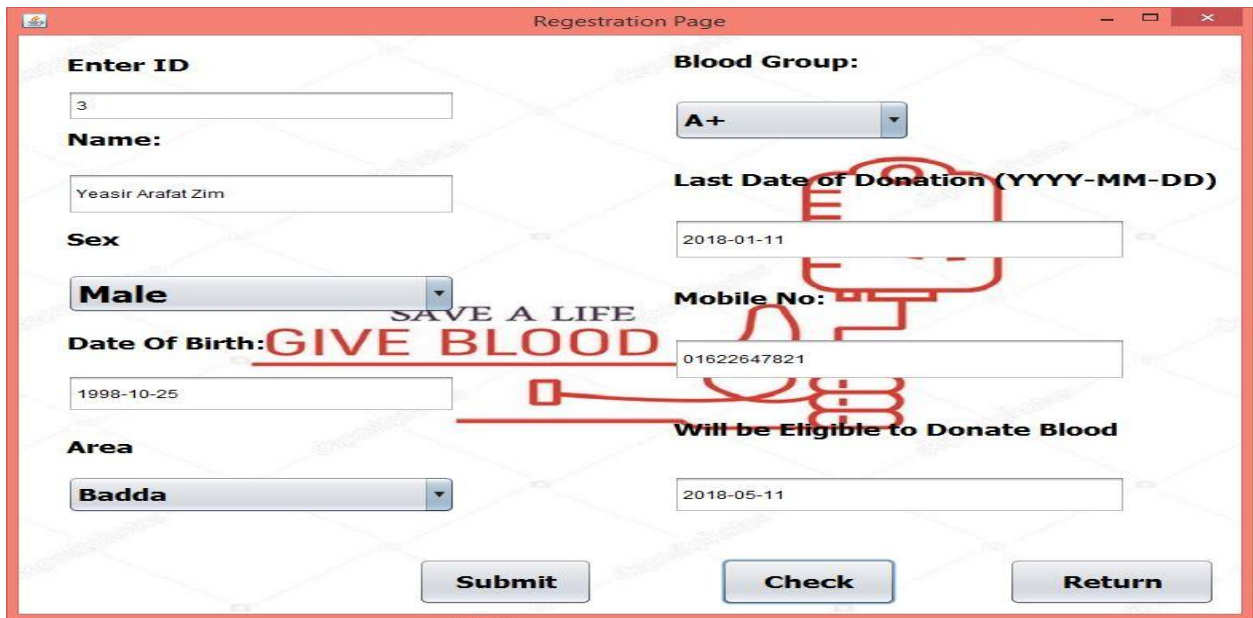
Search: For searching desired blood group in different areas.

Blood Bank Summary: For showing all the information of all blood donors.

Credit: For going to the credit frame.

Return: For returning to the Login page.

➤ Registration Page:



The Registration Page form is titled "Registration Page" and contains the following fields and controls:

- Enter ID:** A text input field containing the value "3".
- Name:** A text input field containing the value "Yasir Arafat Zim".
- Sex:** A dropdown menu with "Male" selected.
- Date Of Birth:** A text input field containing the value "1998-10-25".
- Area:** A dropdown menu with "Badda" selected.
- Blood Group:** A dropdown menu with "A+" selected.
- Last Date of Donation (YYYY-MM-DD):** A text input field containing the value "2018-01-11".
- Mobile No:** A text input field containing the value "01622647821".
- Will be Eligible to Donate Blood:** A text input field containing the value "2018-05-11".

At the bottom of the form are three buttons: "Submit", "Check", and "Return". A large red watermark with the text "SAVE A LIFE GIVE BLOOD" and a blood drop icon is overlaid on the form.

This frame is used for collecting all the information of the blood donor and for saving it in the database.

➤ Search Page:



The Searching Page form is titled "Searching Page" and contains the following fields and controls:

- Select Blood Group:** A dropdown menu with "A+" selected.
- Select Area:** A dropdown menu with "Rampura" selected.
- Search:** A button to initiate the search.
- Return:** A button to return to the previous page.

A large red watermark with a blood drop shape containing various icons is overlaid on the form.

In our management system blood donor can be searched by Blood Group & Area wise. And in the search result our system will show only that donors those who are active on that particular day.

➤ Updating Page:



Updating Page

Enter ID

Last Date of Donation (YYYY-MM-DD)

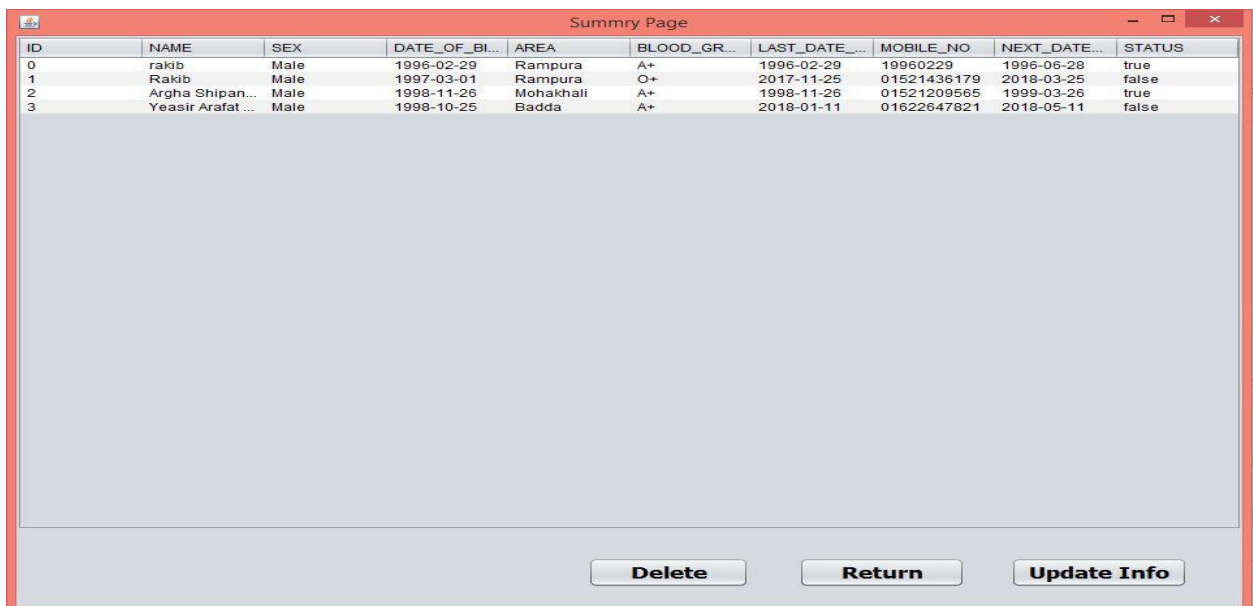
Will be Eligible to Donate Blood

Donate Blood
Save a Life

ACTIVE **Check** **Update** **Return**

After giving blood to a person, a donors last date of donation will be updated in this frame. As a result our system can calculate in which upcoming date that donor will again be activated.

➤ Blood Bank Summery:



Summry Page

ID	NAME	SEX	DATE_OF_BI...	AREA	BLOOD_GR...	LAST_DATE_...	MOBILE_NO	NEXT_DATE...	STATUS
0	rakib	Male	1996-02-29	Rampura	A+	1996-02-29	19960229	1996-06-28	true
1	Rakib	Male	1997-03-01	Rampura	O+	2017-11-25	01521436179	2018-03-25	false
2	Argha Shipan...	Male	1998-11-26	Mohakhali	A+	1998-11-26	01521209565	1999-03-26	true
3	Yeasir Arafat ...	Male	1998-10-25	Badda	A+	2018-01-11	01622647821	2018-05-11	false

Delete **Return** **Update Info**

This frame contains all the information of the blood donors.

Conclusion: In our project we have tried to add all the features that will help a person to search blood donors in an efficient way. From our management system the organization will also be able to keep a track of active and inactive blood donors. We hope that our management system will help the needy persons by providing them blood in crucial time.