

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.



**Project Report
on**

Blood Bank

Submitted By

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CERTIFICATE


This is to certify that, Mr. /Miss.

Kathare Mahima Purusttam (2017015200854030)

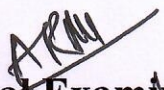
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of Class B.Sc. VI Semester, Computer Science has satisfactorily completed the Project on **Blood Bank** in partial fulfilment of the requirement of Dr. B. A. M. University, Aurangabad during the academic year 2021-2022.


Guide

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Acknowledgement

A Project like this taken quite a lot of time to do property. As is other case, this project owes its existence a certainly its quality to a number of people, whose name does not appearance the cover.

We extend our sincere and heartfelt thanks to our Guide and Head Department of Computer Science Mr. Inamdar Ibrahim Sir deserves credit for helping me does the project and taking care of the details that most programmers really don't think about errors and confusions are my responsibility but the quality of the project is to their credit and we can only thank him.

We would like to thanks the other faculty members also, at this occasion. Last but not least, we would like thanks to classmates for their support and encouragement they have given us during the course of our work.

Thank You.

Kathare Mahima Purusttam (NAF664927)

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Introduction

Description of Current System

- . The Current System is manual.
- . Records are kept using notebook register.
- . Current System is error prone.
- . Current system is less secure.
- . In Current system, retrieving of data is not easy.
- . Records are kept using new register for each year.
- . Reporting and analysis are difficult.

Need For System

The Blood Bank Management System Project Abstract must answer or address the needs of every issue happen in blood Bank. The issues could include difficulty in tracing their donors, managing of blood Bank accounts and address the efficiency of doing transactions in Hospitals.

Operating Environment

- **Software Environment:**

- Windows XP Or Higher OS

- **Hardware Environment:**

- Windows XP Compatible Computer

Proposed System

Proposed System

The Blood Bank Management System (BBMS) is an application that stores, processes, retrieves, and analyzes data about blood Bank administration. It also supervises blood inventory management and other blood Bank-related activities.

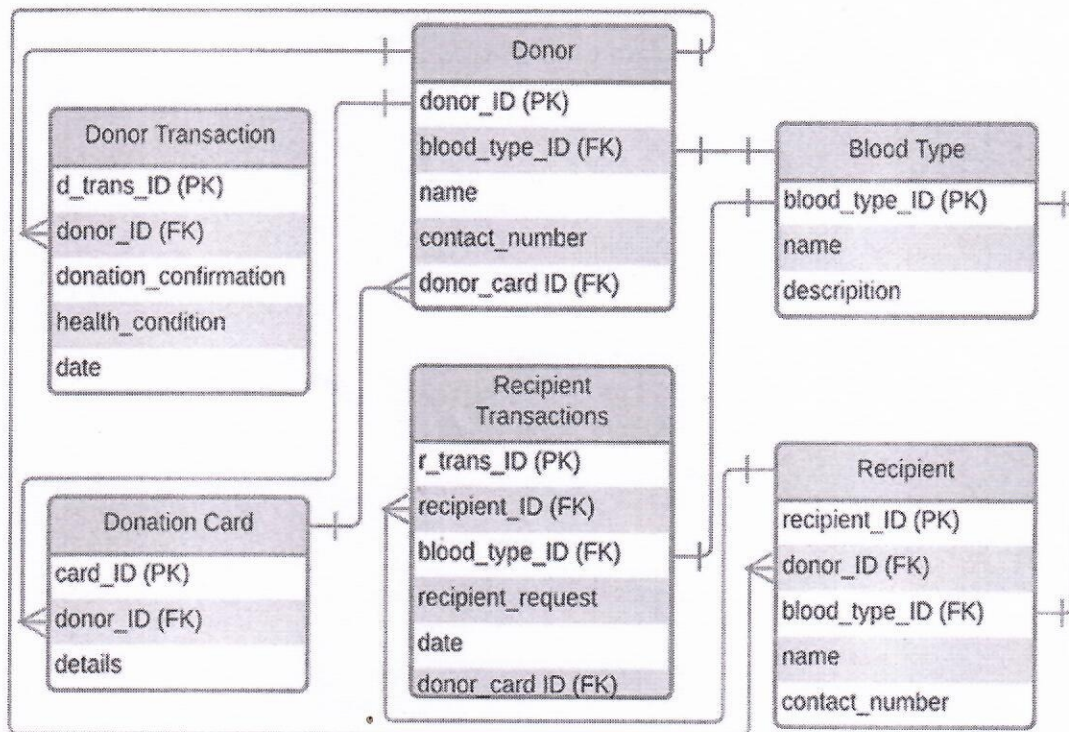
The major goal of the blood Bank management system is to keep track of blood, donors, blood groups, blood Banks, and stock information. It keeps track of all information concerning blood, blood cells, stocks, and blood. Because the project is all done at the administrative level, only the administrator can see it.

Objectives of System

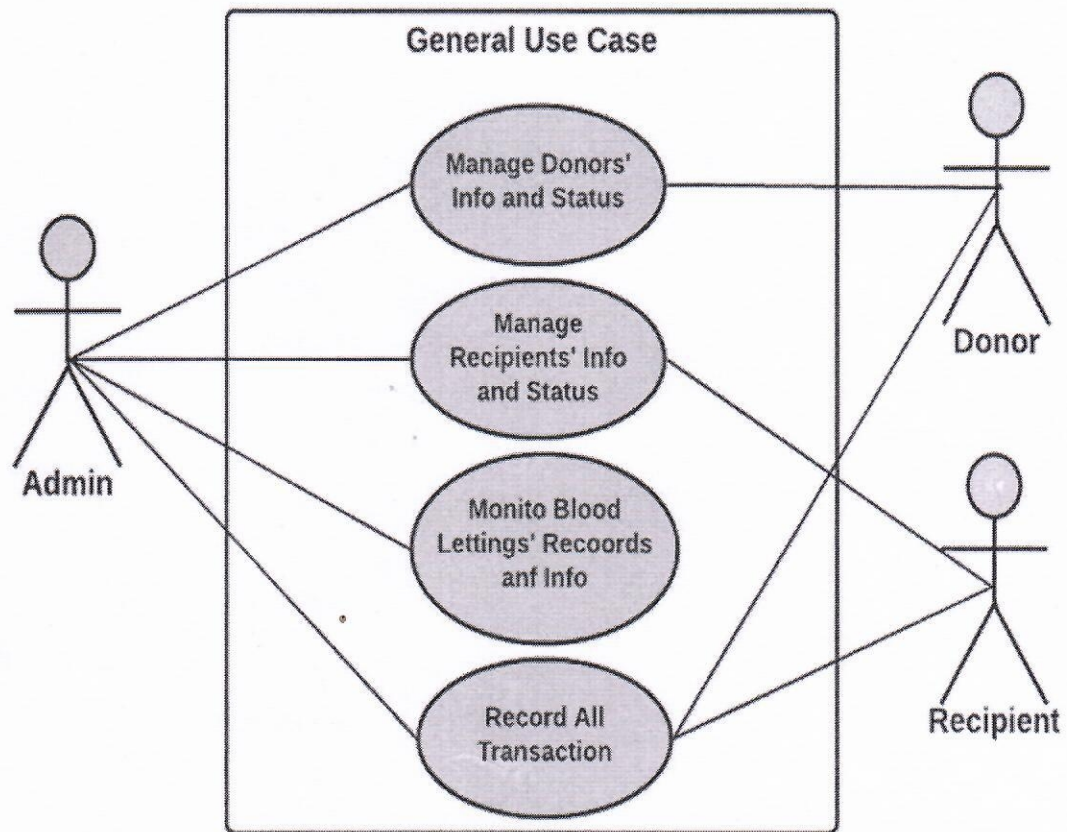
- The major goal of the blood Bank management system is to keep track of blood, donors, blood groups, blood Banks, and stock information. It keeps track of all information concerning blood, blood cells, stocks, and blood.

Analysis & Design

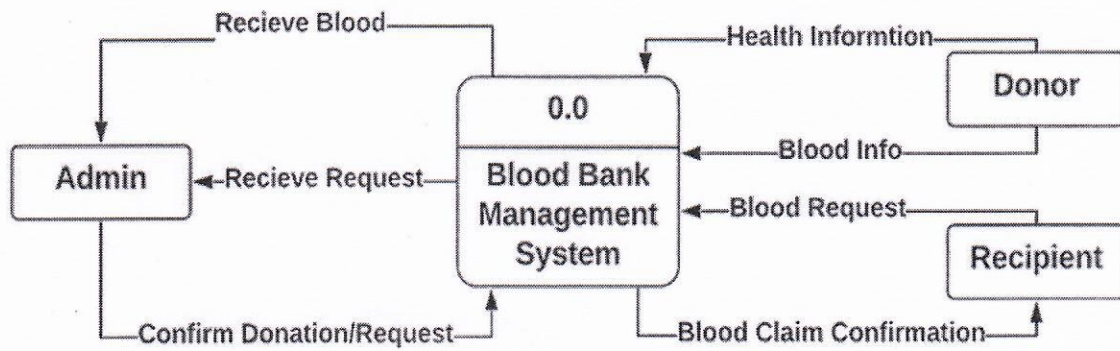
ER Diagram



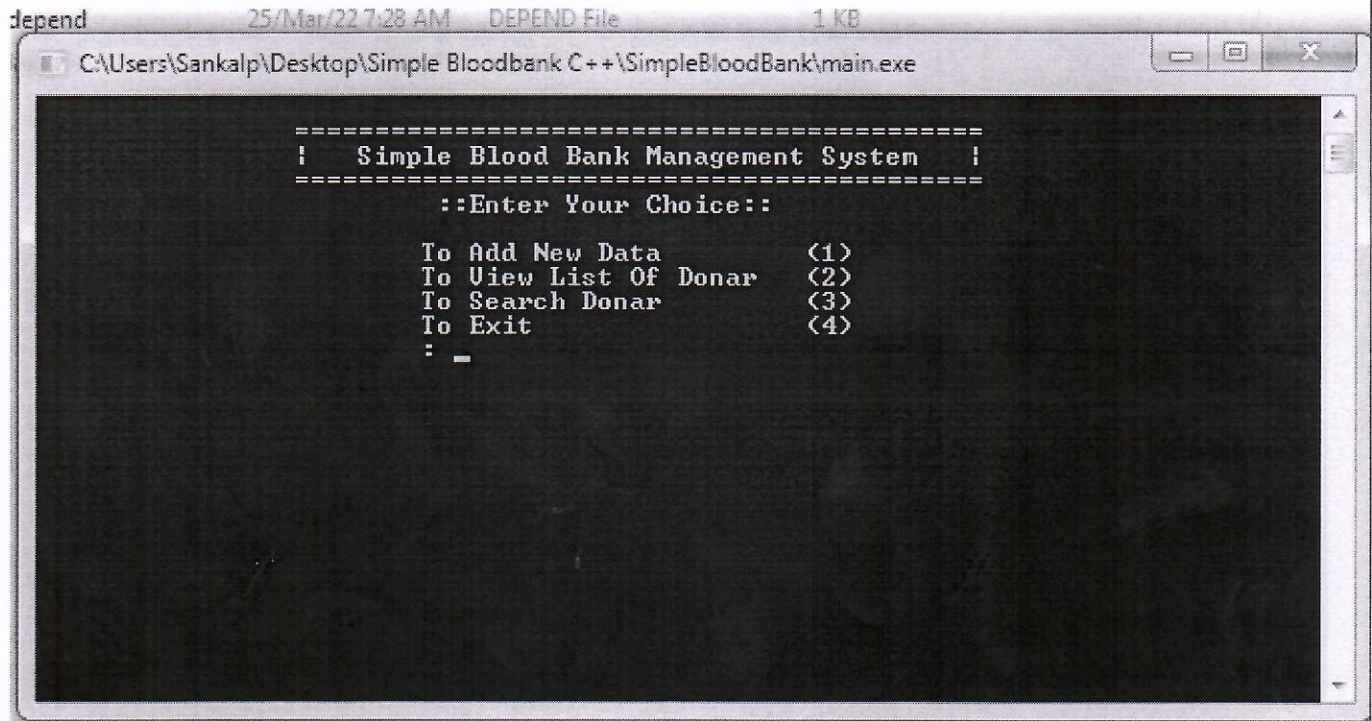
Use Case Diagram



DFD



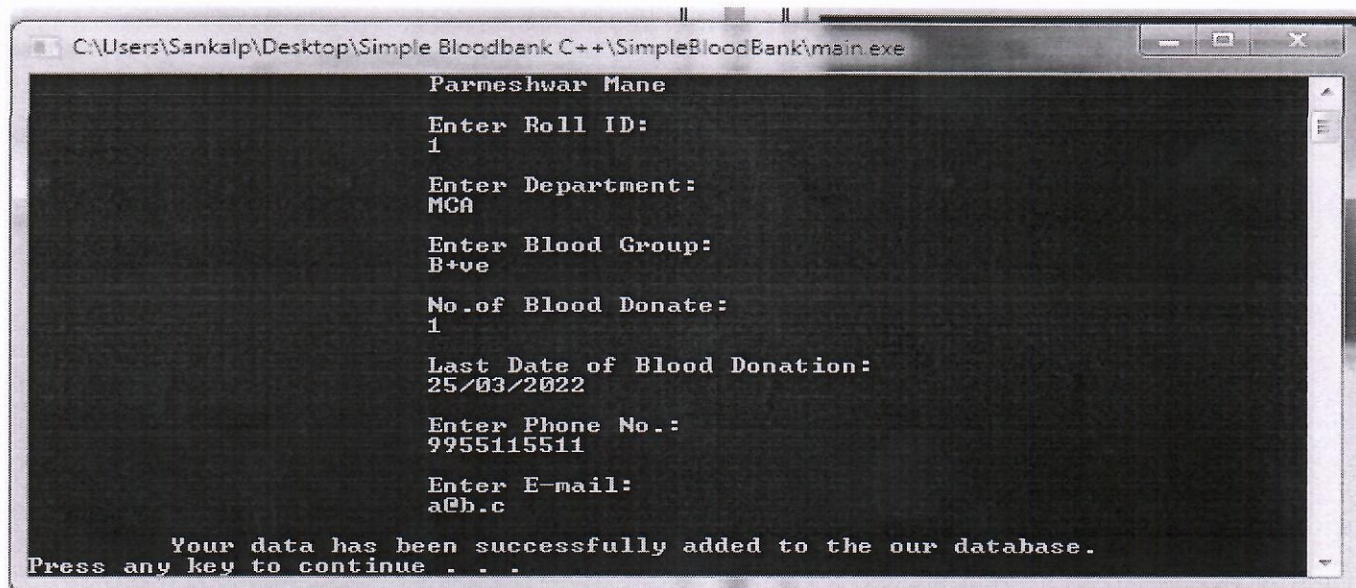
Screens

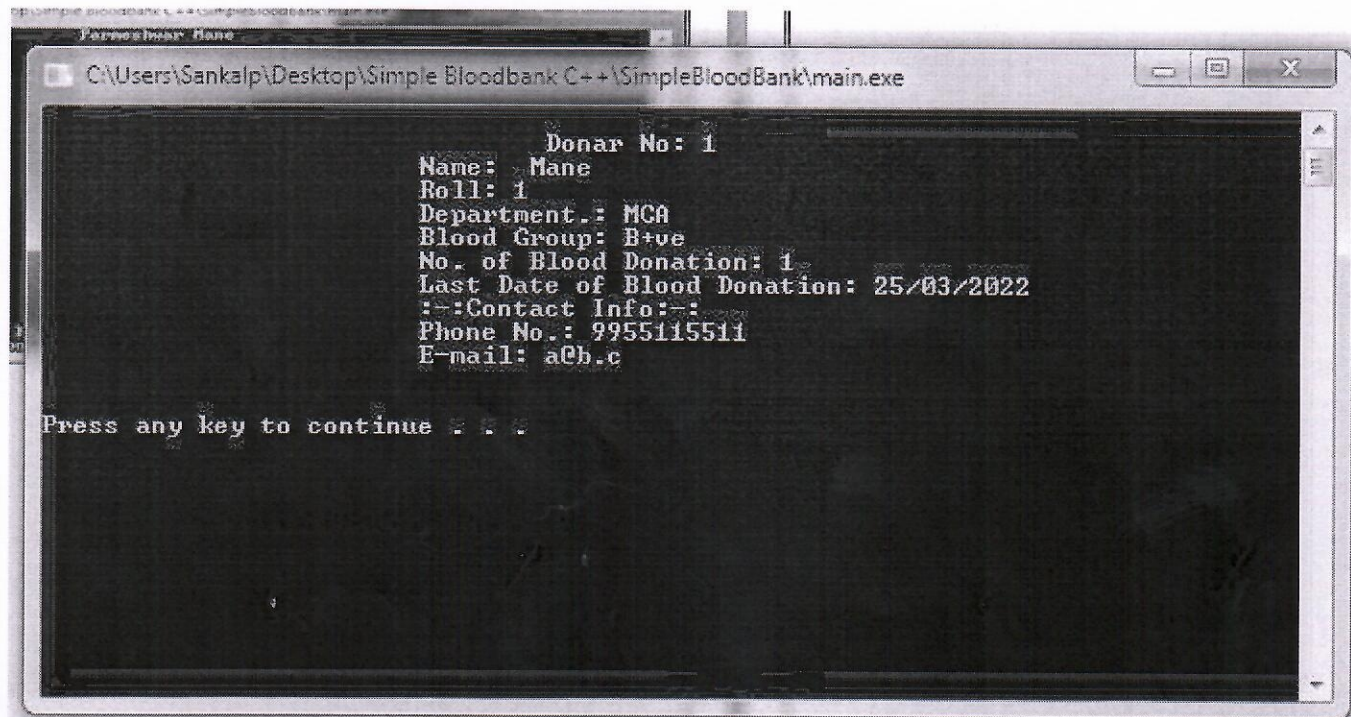


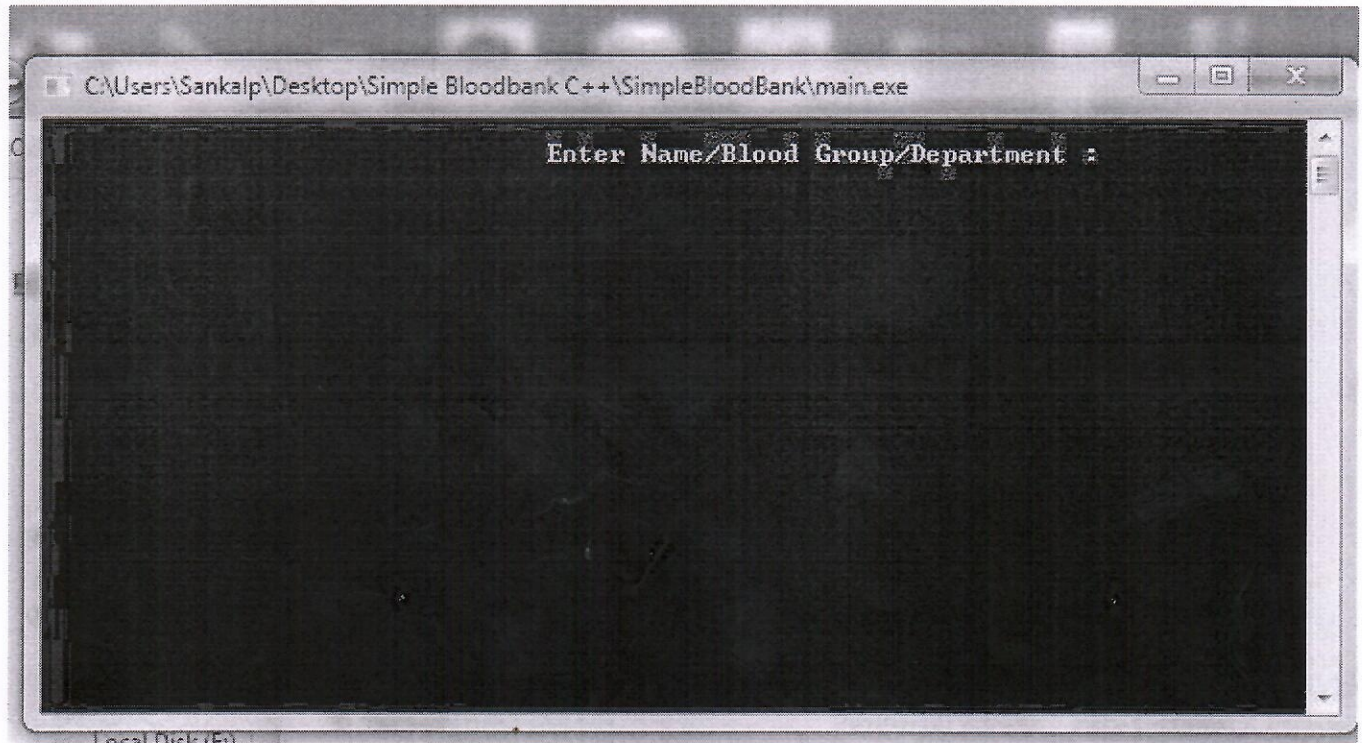
The screenshot shows a Windows command prompt window with the title bar 'depend'. The window content displays the following text:

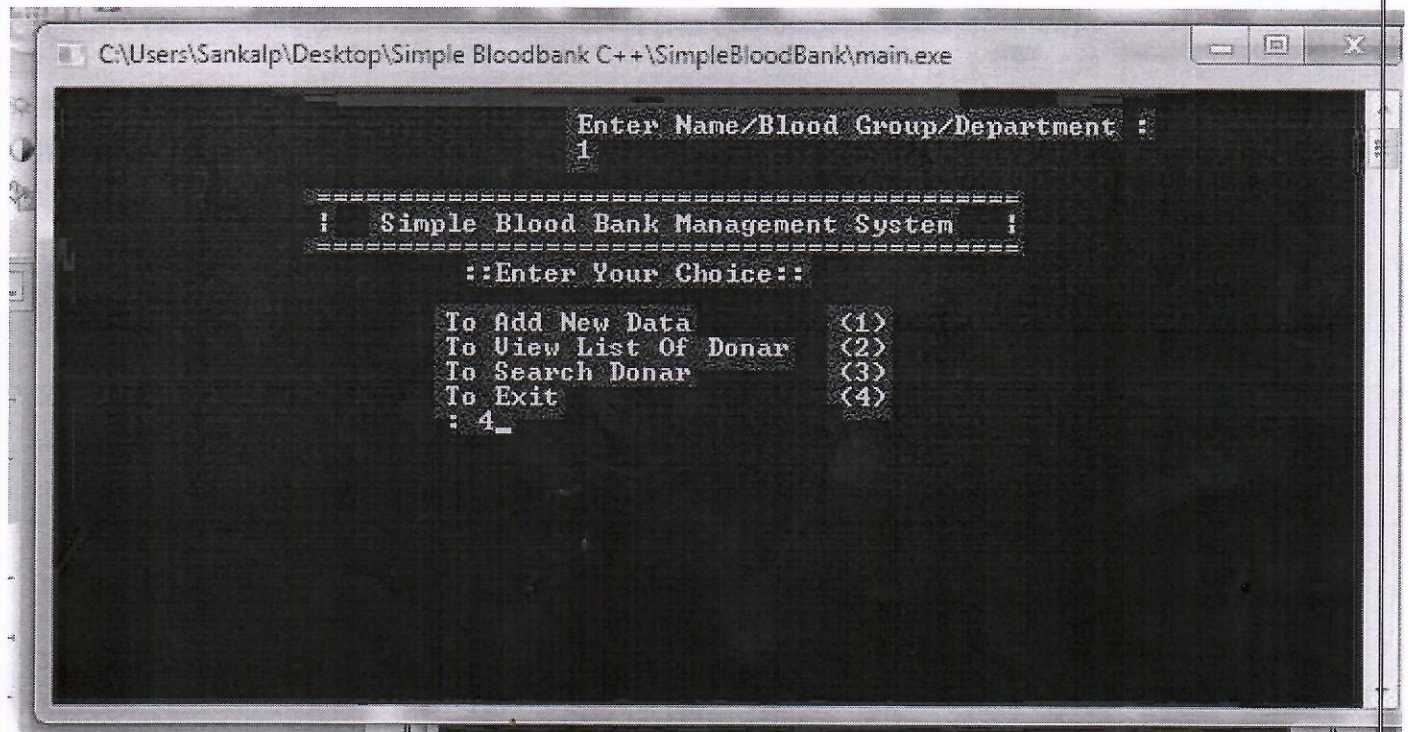
```
=====
!   Simple Blood Bank Management System   !
=====
::Enter Your Choice::

To Add New Data           (1)
To View List Of Donar     (2)
To Search Donar           (3)
To Exit                   (4)
: _
```









```
C:\Users\Sankalp\Desktop\Simple Bloodbank C++\SimpleBloodBank\main.exe

Enter Name/Blood Group/Department :
1

=====
!   Simple Blood Bank Management System   !
=====
::Enter Your Choice::

To Add New Data           (1)
To View List Of Donar     (2)
To Search Donar           (3)
To Exit                   (4)
: 4_
```

Project Modules

- **Manage Recipients** – The admin has access to the donor management. He can update the blood, can update camp details users, and can view the details of the customer who requested blood.
- **Manage Donator** – The admin has access to the donator of the blood. He can update the details of the donator.
- **Login and Logout** – By default one of the security features of this system is the secure login and logout system. The login and logout system of this Blood Bank Management System uses a session. It means that the user can only log in at once on the same browser.
- **Donor Registration** – For the donor registration, you will fill the forms. Such as your complete name, gender, date of birth, blood type, phone number, email address, home address and etc.
- **Contact Information** – For the contact us, you will be able to see their address, phone number and email address.
- **Blood Letting Information** – For the about us, you will be able see the goals and objectives of blood Bank management system

Bibliography

❖ Book References:

- Let Us C++

❖ Other References:

- <https://itsourcecode.com/>
- Youtube.com