

Project Proposal



Project Name : Blood Bank Management System

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SUBMITTED TO

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Submission Date :

Introduction

- Blood management system is designed for the blood bank to gather blood from various sources and distribute it to the needy people who have high requirements for it.
- The software is designed to handle the daily transactions of the blood bank and search the details when required.
- It also helps to register the details of donors blood collection details as well as blood issue reports.
- The software application is designed in such a manner that it can suit the needs of all the blood.
- The software application is designed in such a manner that it can suit the needs of all the blood bank requirements in the course of future.

Required Tools

- **IDE** : NETBEANS
- **LANGUAGE** : JAVA
- **DATABASE** : MYSQL
- XAMP

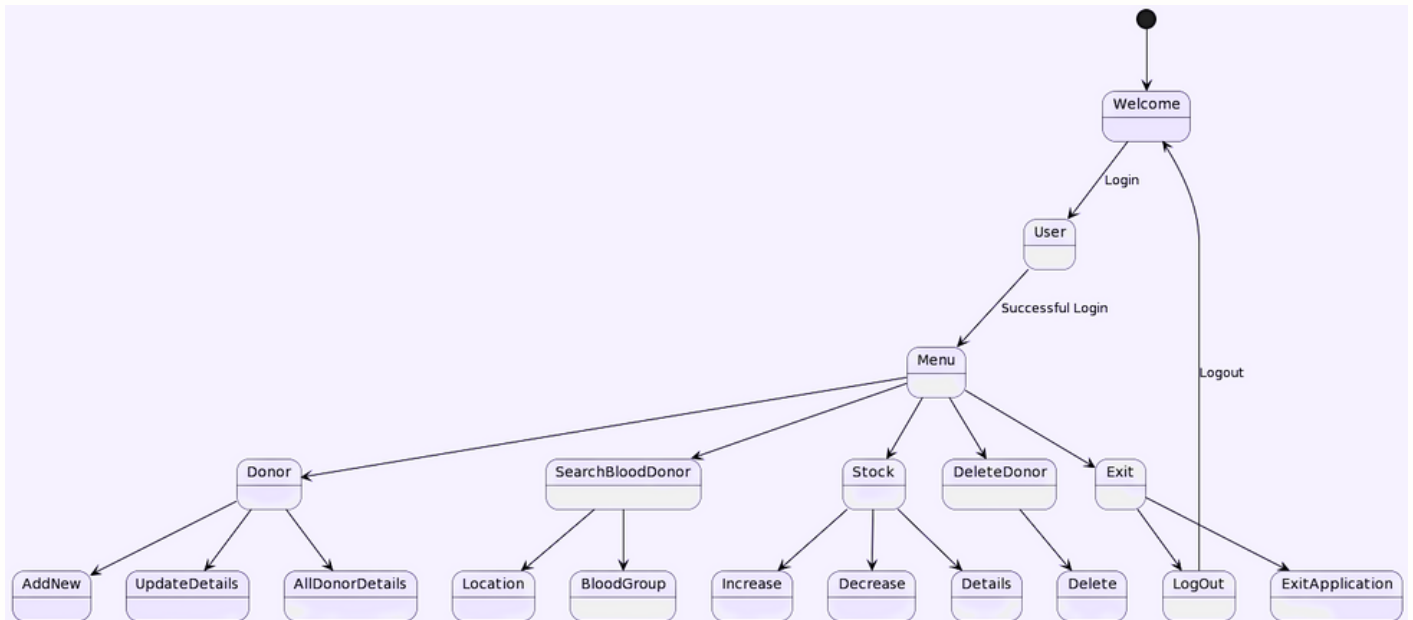
Aims And Objectives

The main aim of this project is to save the lives of people by providing blood. We aim to bridge the gap between blood donors and requestors. We'll be displaying the donor. The major problem in old Blood banking systems was that they don't follow the actual needs of users. Traditional blood banking systems were developed by a 1 or 2 perspectives. This application is providing each entity the facility to approach nearby blood donors so that it will become much easier to search rare blood groups in the hour of need.

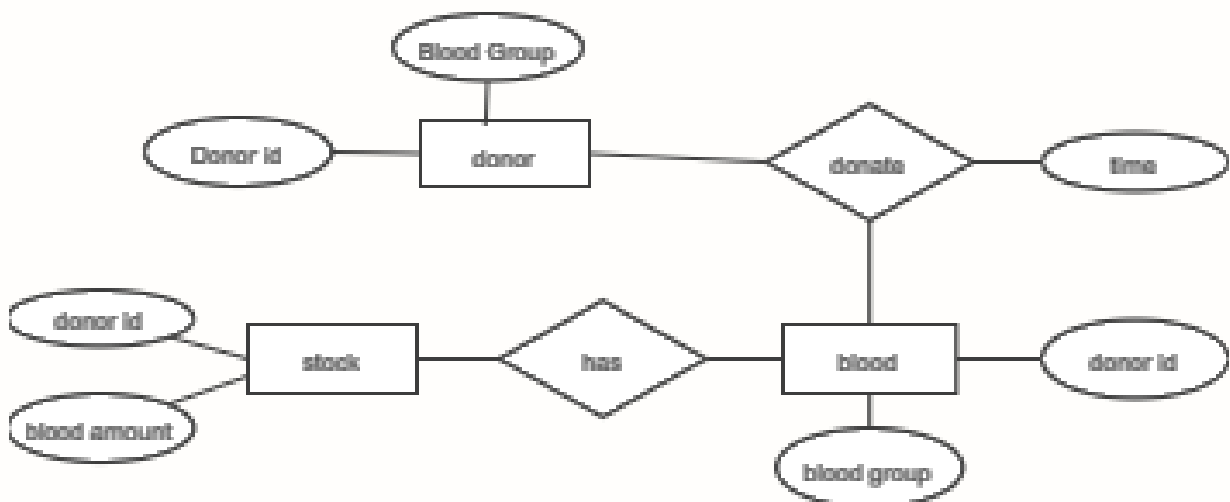
List of features

- Add new blood donor .
- Update the details of the donor.
- Delete the donor details.
- Check all the details of donor
- Easily search donor according to the blood group

Flow Chart Diagram



Entity Relationship Diagram



Conclusion

- As the donor's data is saved in the system we can reject those who have HIV or any other infections.
- As we have the contact number of the donor we can contact donor whenever necessary comes.
- Since we have the expiry date of the packs we can have a proper storage management system.