

# **“BLOODBANK MANAGEMENT SYSTEM”**

## **PROJECT REPORT**

Submitted for CAL in B.Tech Software Engineering (CSE3001)

By

**TANISHA (16BCE1357)**

**TRADA YASHKUMAR RAMESHBHAI (16BCE1023)**

**Slot: A2**

**Name of the faculty: Alok Chauhan**

**(SCHOOL OF COMPUTING SCIENCES AND ENGINEERING)**

**( SCSE )**



**May, 2017.**

This is to certify that the Project work entitled "**BLOOD BANK MANAGEMENT SYSTEM**" that is being submitted by "***Yash and Tanisha***" for CAL in B.Tech Software

Engineering (CSE3001) is a record of bonafide work done under my supervision. The contents of this Project work, in full or in parts, have neither been taken from any other source nor have been submitted for any other CAL course.

Place: Chennai

Date: 4/5/17

**TRADA YASH KUMAR RAMESH BHAI (16BCE1023)**

**TANISHA (16BCE1357)**

**FACULTY:**

**Alok Chauhan**

## **ACKNOWLEDGEMENTS**

We have taken efforts in the project. However, it would not have been possible without the support and help of many individuals. We would like to extend thanks to all those who have helped us directly or indirectly.

We are highly indebted to Alok Chauhan Sir for his guidance as well as providing necessary information regarding the project and also for his support in successfully completing the project.

We would like to express our gratitude towards the management of VIT and The School of Computing Sciences and Engineering (SCSE) for giving us an opportunity to work on a project of this importance. Our thanks and appreciations also go to our colleagues in developing the project and people who have willingly helped us out with their abilities.

## **Introduction of the Project Blood Bank Management System:**

Transfusion of blood and blood components is an established standard way of treating patients who are deficient in one or more blood constituents and is therefore an essential part of health care. A blood transfusion service is a complex organization requiring careful design and management. Essential functions of a blood transfusion service are donor recruitment, blood collection, testing of donor blood, component preparation and supply of these components to the patients.

The organization of a blood transfusion service should receive utmost attention and care for smooth functioning of various components of the service. The goal of blood transfusion service is to provide effective blood and blood components which are as safe as possible and adequate to meet the patients' needs.

### **Functions of a Blood Transfusion Service**

1. The basic functions of a blood transfusion centre may be listed as follows.
2. Recruitment and retention of voluntary and replacement blood donors.
3. Collection, processing, storage and transportation of blood and its components.
4. Laboratory procedures
5. Participation in the clinical use of blood and blood components.
6. Teaching and training of personnel
7. Research and development
8. Need for Blood Bank

As a blood transfusion service deals with different functions related to donors and patients, it is imperative to keep in mind the safety of both donors and recipients. The blood transfusion service has to be planned and organized in such a way that it fulfils its ideal aims and objectives i.e.

1. Recruitment of blood donors - voluntary & replacement
2. Care of donor, donated unit and the recipient
3. Maintain adequate blood stock
4. Provide clinically effective blood components
5. Optimal use of available blood

In India, blood transfusion services are mostly hospital-based. In a hospital-based blood transfusion service, each hospital runs its own blood collection programme with or without central regulation. This system utilizes existing institutions and does not require creation of separate blood transfusion centres. As the organization of voluntary blood donation in hospital-based system is usually unsatisfactory, replacement donors form the main source of blood supply in the hospital. Replacement donors are usually friends and family members of the patient and are under pressure to donate blood. A voluntary donor system is far more satisfactory as there is no compulsion and the donor is motivated to donate blood.

## **Objective of the Project:-**

- Improve operational & Streamlining operations
- Maintain all the project, employee, project database
- Maintain global standards of the project development
- Reduce Manpower and manual paper works for maintaining the records offline
- Main the accuracy, integrity and consistency of the data
- Providing such a mechanism to make the man power fast to maintain all the information about the project
- Improved management and control of the inventory, sales, stock

**Different aspects of a blood transfusion service that need organization are**

1. Utilization of space assigned or planning of premises of a blood transfusion centre / service
2. Requirement of staff
3. Procurement, standardization and maintenance of equipment, reagents and other consummables
4. Donor recruitment and motivation programme
5. Autologous donor programme
6. Donor blood collection
7. Laboratory procedures
8. serological techniques
9. screening for transfusion - transmitted diseases
  
10. Documentation and record maintenance
11. Implementation of quality assurance scheme
12. Inventory control, storage and transportation
13. Biosafety guidelines
14. Medicolegal aspects - Licensing from Drug Controller of India
15. Continuing education, training and teaching for medical, technical, nursing and other paramedical staff
16. Research and development in Transfusion Medicine
17. Formulation of Hospital transfusion committee and conducting medical audits.
18. Guidelines for clinical use of blood and blood components

In planning the design of a blood transfusion service, the activities and flow of operation should be considered for adequate utilization of space.

The functional plan of a blood transfusion service is thus based on the paths taken by the donors, the blood unit, blood samples and material. This is also required for submission to the DCI and any subsequent modifications need to be approved again.

- **Donor Complex:** The donor complex consists of a donor waiting area, donor registration, and medical examination room with preliminary testing, blood collection area, apheresis area, donor rest room and kitchen/pantry. The flow of donors should be uniform and clearly defined to avoid unnecessary traffic in the corridors

The donor complex should be pleasant and comfortable. Donor educational material can be made available to prospective donors in the reception or waiting room. The donor organizers should be associated with donor complex for donor motivation, recruitment and retention.

- **Blood storage:** Initial storage of blood should be in the vicinity of the place where donor blood is collected, this is called as the quarantine storage. After all the tests are performed, blood should be stored in vicinity of the issue area.

- **Component preparation:** The area for blood component should be close to quarantine storage. The component laboratory should be clean, dust-free and well lit. The service of blood component preparation needs a special licence from the DCI.
- **Serology laboratory:** This laboratory is basically meant for red cell serology testing and donor and patient samples. A separate laboratory may be designated for antenatal and specialized serology.
- **Laboratory for transfusion transmitted disease:** A separate laboratory should be designated for screening of all donor units for transfusion-transmitted diseases.
- **Issue counter:** Outside the serology laboratory a small counter should be designed for accepting blood samples and issue of blood, to avoid unnecessary and unauthorized entry of personnel in the laboratory. Besides the essential donor and laboratory complexes, the premises should have

### **Main modules of the project :**

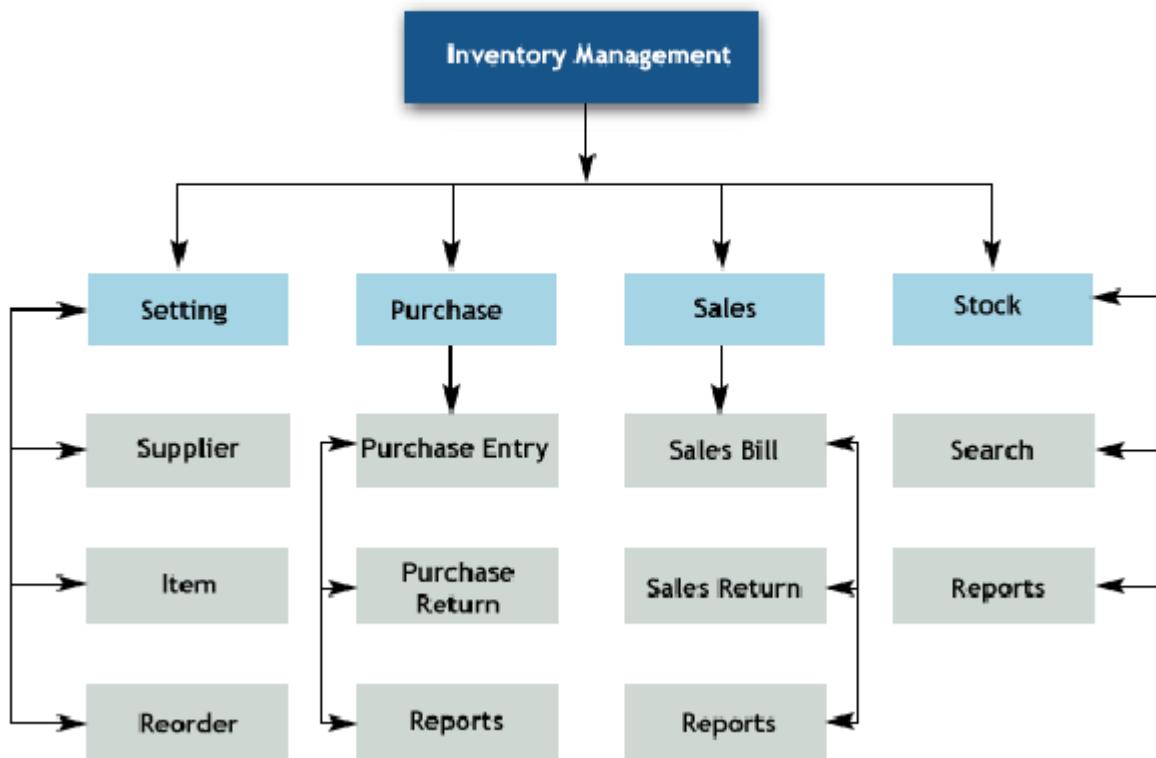
This project have the following modules, to manage all the requirements of the blood bank.

1. Blood bank details
2. Donor Details
3. Recipient Details
4. Equipment Details
5. Blood collection details
6. Blood Issued Details
7. Stock Details
8. Camp Details
9. Reports

### **To manage the Employees in BloodBank :**

1. Employee Details
2. Employee Attendance Details
3. Employee salary Generation
4. Employee Salary Payment
5. Reports

## Blood Inventory Management



### What is "Inventory Management"

Inventory management is the active control program which allows the management of sales, purchases and payments.

Inventory management software helps create invoices, purchase orders, receiving lists, payment receipts and can print bar coded labels. An inventory management software system configured to your warehouse, retail or product line will help to create revenue for your company. The Inventory Management will control operating costs and provide better understanding. We are your source for inventory management information, inventory management software and tools.

A complete Inventory Management Control system contains the following components:

- Inventory Management Definition
- Inventory Management Terms
- Inventory Management Purposes
- Definition and Objectives for Inventory Management
- Organizational Hierarchy of Inventory Management
- Inventory Management Planning
- Inventory Management Controls for Inventory
- Determining Inventory Management Stock Levels

## **SYSTEM ANALYSIS**

### **INTRODUCTION TO SYSTEM ANALYSIS**

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The solutions are given as proposals. The proposal is then weighed with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user. The proposal is reviewed on user request and suitable changes are made. This is a loop that ends as soon as the user is satisfied with the proposal. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers. It does

various feasibility studies. In these studies a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

### **Existing System**

In the existing system the exams are done only manually but in proposed system we have to computerize the exams using this application.

- Lack of security of data.
- More man power.
- Time consuming.
- Consumes large volume of pare work.
- Needs manual calculations.
- No direct role for the higher officials

### **Proposed System**

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.
- Ensure data accuracy.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

## **FEASIBILITY STUDY**

Feasibility study is made to see if the project on completion will serve the purpose of the organization for the amount of work, effort and the time that spend on it. Feasibility study lets the developer foresee the future of the project and the usefulness. A feasibility study of a system proposal is according to its workability, which is the impact on the organization, ability to meet their user needs and effective use of resources. Thus when a new application is proposed it normally goes through a feasibility study. The document provide the feasibility of the project that is being designed and lists various areas that were considered very carefully during the feasibility study of this project such as Technical, Economic and Operational feasibilities. The following are its features:

## **TECHNICAL FEASIBILITY**

The system must be evaluated from the technical point of view first. The assessment of this feasibility must be based on an outline design of the system requirement in the terms of input, output, programs and procedures. Having identified an outline system, the investigation must go on to suggest the type of equipment, required method developing the system, of running the system once it has been designed.

### **Technical issues raised during the investigation are:**

- Does the existing technology sufficient for the suggested one?
- Can the system expand if developed?

The project should be developed such that the necessary functions and performance are achieved within the constraints. The project is developed within latest technology. Through the technology may become obsolete after

some period of time, due to the fact that never version of same software supports older versions, the system may still be used. So there are minimal constraints involved with this project. The system has been developed using Java the project is technically feasible for development.

### **ECONOMIC FEASIBILITY**

The developing system must be justified by cost and benefit. Criteria to ensure that effort is concentrated on project, which will give best, return at the earliest. One of the factors, which affect the development of a new system, is the cost it would require.

The following are some of the important financial questions asked during preliminary investigation:

- The costs conduct a full system investigation.
- The cost of the hardware and software.
- The benefits in the form of reduced costs or fewer costly errors.

Since the system is developed as part of project work, there is no manual cost to spend for the proposed system. Also all the resources are already available, it give an indication of the system is economically possible for development.

## **USER CHARACTERISTIC**

- User module: This is a normal level of user who will be very few number of functionality for website
- Administration module: This user is an admin type who has full rights on the system.

## **GENERAL CONSTRAINTS**

The amount of traffic seen by a web site is a measure of its popularity. By analysing the statistics of visitors it is possible to see shortcomings of the site and look to improve those areas. It is also possible to increase (or, in some cases decrease) the popularity of a site and the number of people that visit it.

## **ASSUMPTIONS AND DEPENDENCIES**

All the data entered will be correct and up to date. This software package is developed using JSP as front end which is supported by Apache Server system. MySQL as the back end which is supported by Window 7.

## **User Interface**

- HTML has been used for developing the User Layout for the system
- JavaScript has been used for creating all the validations and client side scripting functionality
- CSS has been used for designing the web pages of the system

## **HARDWARE INTERFACE**

- |             |                          |
|-------------|--------------------------|
| • Processor | Intel Pentium IV or more |
| • Ram       | 512 MB or more           |
| • Cache     | 1 MB                     |
| • Hard Disk | 10 GB recommended        |

## **SOFTWARE INTERFACE**

- Client on Internet: Web Browser, Operating System (any)
- Web Server: Operating System (any), Apache 2
- Database: MySQL
- Scripting Language: JSP, JavaScript, JQuery

## **Communication Protocol**

Following protocols are required to be permitted on the server side

- HTTP incoming request

## **Functional Requirements**

- The system runs of apache server so it is needed that server must have apache server version 2.0 available
- We have used JSP for server side scripting so the current version of JSP must be available on the server

- MySQL database has been used for storing the data of the website
- HTML has been used for creating the layout of the web application
- CSS has been used for creating the designing of the webpages
- JavaScript scripting language has been implemented on the system for performing all of the Client Side Server Validation.

## **Classes and Objects of the Project**

- Login Class: Used for performing all the operations of the login functionality.
- Page Class: Class for managing all the operations of the page.
- Traf4c Class: Class for managing the traffic of the website
- IP Class: It has been used for storing all the IPs which hits the website
- Users Class: Class for managing all the user operations
- Permission Class: This class has been used for managing all the permissions level opeations.

## **Non-Functional Requirements**

- **Performance:** System should be able handle multiple users at a time using any of the web browsers.
- **Reliability:** Database updating should follow transaction processing to avoid data inconsistency.
- **Availability:** The project will be deployed on a public shared server so it will be available all the time and will be accessible any where of the world using internet.
- **Security:** We have implemented a lot of security mechanism to avoid to

hack the system by outer world.

- **Maintainability:** It is very easy to maintain the system. The system has been developed on JSP so anyone who has the knowledge of JSP, can easily maintain the system.
- **Portability:** Yes this system is portable and we can switch the servers Very easily.
- **Browser Compatibility:** The project being web based required compatibility with at least the popular web browsers. Microsoft Windows XP and above, Linux and Macintosh being the current popular operating system and Microsoft Internet Explorer, Mozilla Firefox, Opera, Safari and Google Chrome being the currently popular web browser.

## **Security Testing of the Project**

Testing is vital for the success of any software. No system design is ever perfect. Testing is also carried in two phases. First phase is during the software engineering that is during the module creation. Second phase is after the completion of software. This is system testing which verifies that the whole set of programs hanged together.

### **White Box Testing:**

In this technique, the close examination of the logical parts through the software are tested by cases that exercise specific sets of conditions or loops. all logical parts of the software checked once. Errors that can be corrected using this technique are typographical errors, logical expressions which should be executed once may be getting executed more than once and error resulting by using wrong controls and loops. When the box testing tests all the independent part within a module a logical decisions on their true and the false side are exercised, all loops and bounds within their operational bounds were exercised and internal data structure to ensure their validity were exercised once.

### **Black Box Testing**

This method enables the software engineer to devise sets of input techniques that fully exercise all functional requirements for a program. Black box testing tests the input, the output and the external data. It checks whether the input data is correct and whether we are getting the desired output.

### **Alpha Testing:**

Acceptance testing is also sometimes called alpha testing. Be spoke systems are developed for a single customer. The alpha testing proceeds until the system developer and the customer agree that the provided system is an acceptable implementation of the system requirements.

### **Beta Testing:**

On the other hand, when a system is to be marked as a software product, another process called beta testing is often conducted. During beta testing, a system is delivered among a number of potential users who agree to use it. The customers then report problems to the developers. This provides the product for real use and detects errors which may not have been anticipated by the system developers.

### **Unit Testing;**

Each module is considered independently. it focuses on each unit of software as implemented in the source code. it is white box testing.

### **Integration Testing:**

Integration testing aims at constructing the program structure while at the same constructing tests to uncover errors associated with interfacing the modules. modules are integrated by using the top down approach.

### **Validation Testing:**

Validation testing was performed to ensure that all the functional and performance requirements are met.

### **System Testing:**

It is executing programs to check logical changes made in it with intention of finding errors. a system is tested for online response, volume of transaction, recovery from failure etc. System testing is done to ensure that the system satisfies all the user requirements.

# **Implementation and software Specification Testings**

## **Detailed Design of Implementation**

This phase of the systems development life cycle refines hardware and software specifications, establishes programming plans, trains users and implements extensive testing procedures, to evaluate design and operating specifications and/or provide the basis for further modification.

## **Technical Design**

This activity builds upon specifications produced during new system design, adding detailed technical specifications and documentation.

## **Test Specifications and Planning**

This activity prepares detailed test specifications for individual modules and programs, job streams, subsystems, and for the system as a whole.

## **Programming and Testing**

This activity encompasses actual development, writing, and testing of program units or modules.

## **User Training**

This activity encompasses writing user procedure manuals, preparation of user training materials, conducting training programs, and testing procedures.

## **Acceptance Test**

A final procedural review to demonstrate a system and secure user approval before a system becomes operational.

## **Installation Phase**

In this phase the new Computerized system is installed, the conversion to new procedures is fully implemented, and the potential of the new system is explored.

### **System installation**

The process of starting the actual use of a system and training user personnel in its operation.

### **Review Phase**

This phase evaluates the successes and failures during a systems development project, and to measure the results of a new Computerized Tran system in terms of benefits and savings projected at the start of the project.

### **Development Recap**

A review of a project immediately after completion to find successes and potential problems in future work.

### **Post-Implementation Review**

A review, conducted after a new system has been in operation for some time, to evaluate actual system performance against original expectations and projections for cost-benefit improvements. Also identifies maintenance projects to enhance or improve the system.

## **THE STEPS IN THE SOFTWARE TESTING**

The steps involved during Unit testing are as follows:

- a. Preparation of the test cases.
- b. Preparation of the possible test data with all the validation checks.
- c. Complete code review of the module.
- d. Actual testing done manually.
- e. Modifications done for the errors found during testing.
- f. Prepared the test result scripts.

## **The unit testing done included the testing of the following items:**

1. Functionality of the entire module/forms.
2. Validations for user input.
3. Checking of the Coding standards to be maintained during coding.
4. Testing the module with all the possible test data.
5. Testing of the functionality involving all type of calculations etc.
6. Commenting standard in the source files.

After completing the Unit testing of all the modules, the whole system is integrated with all its dependencies in that module. While System Integration, We integrated the modules one by one and tested the system at each step. This helped in reduction of errors at the time of the system testing.

**The steps involved during System testing are as follows:**

- Integration of all the modules/forms in the system.
- Preparation of the test cases.
- Preparation of the possible test data with all the validation checks.
- Actual testing done manually.
- Modifications done for the errors found during testing.
- Prepared the test result scripts after rectification of the errors.

**The System Testing done included the testing of the following items:**

1. Functionality of the entire system as a whole.
2. User Interface of the system.
3. Testing the dependent modules together with all the possible test data scripts.
4. Verification and Validation testing.
5. Testing the reports with all its functionality.

After the completion of system testing, the next following phase was the Acceptance Testing. Clients at their end did this and accepted the system with appreciation. Thus, we reached the final phase of the project delivery.

**There are other six tests, which fall under special category. They are described below;**

- Peak Load Test: It determines whether the system will handle the volume of activities that occur when the system is at the peak of its processing demand.

For example, test the system by activating all terminals at the same time.

- Storage Testing: It determines the capacity of the system to store transaction data on a disk or in other files.  
Performance Time Testing: it determines the length of time system used by the system to process transaction data. This test is conducted prior to implementation to determine how long it takes to get a response to an inquiry, make a backup copy of a file, or send a transmission and get a response.
- Recovery Testing: This testing determines the ability of user to recover data or re-start system after failure. For example, load backup copy of data and resume processing without data or integrity loss.

- Procedure Testing: It determines the clarity of documentation on operation and uses of system by having users do exactly what manuals request. For example, powering down system at the end of week or responding to paper-out light on printer.
- Human Factors Testing: It determines how users will use the system when processing data or preparing reports.

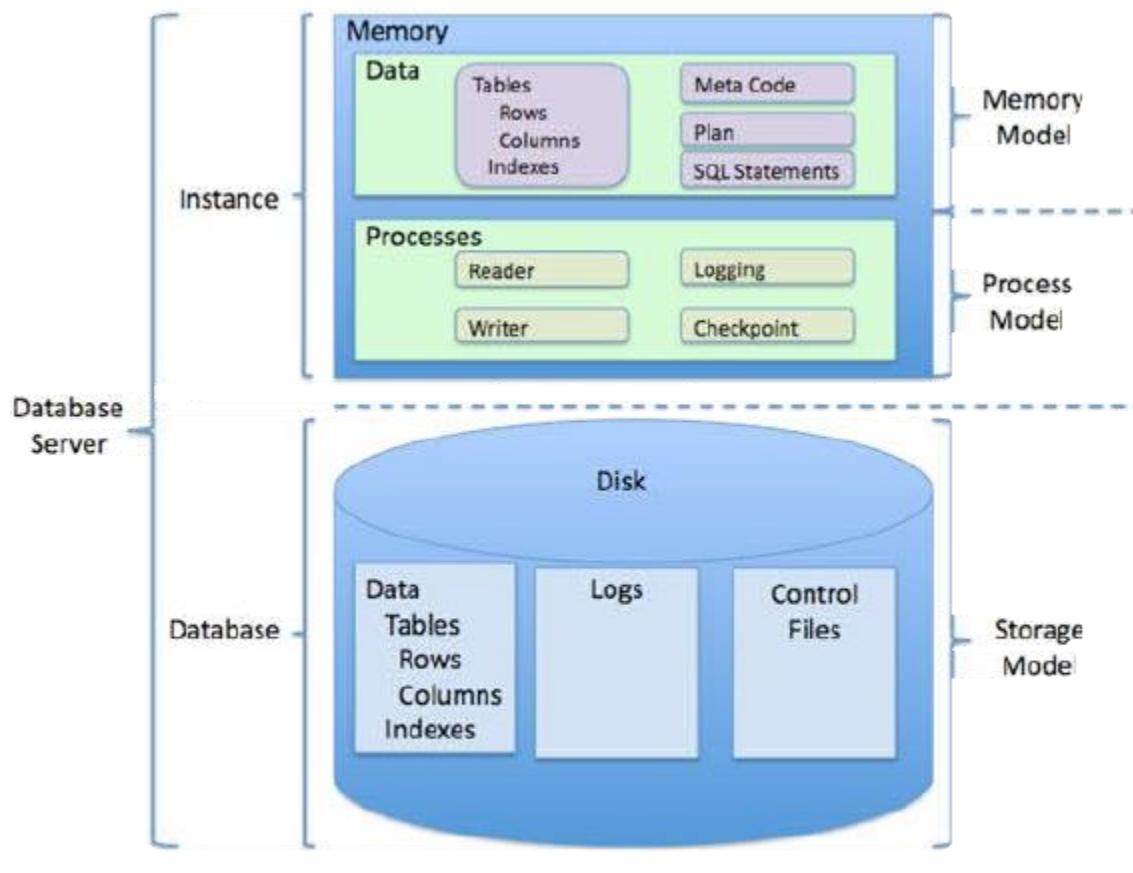
## **Project Category**

Relational Database Management System (RDBMS). This is an RDBMS based project which is currently using MySQL for all the statements. MySQL is an opensource RDBMS System.

### **Brief Introduction about RDBSM :**

A relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model as invented by E.F. Codd, of IBM's San Jose Research Laboratory. Many popular databases currently in use are based on the relational database model.

RDBMSs have become a predominant choice for the storage of information in new databases used for financial records, manufacturing and logistical information, personnel data, and much more since the 1980s. Relational databases have often replaced legacy hierarchical databases and network databases because they are easier to understand and use. However, relational databases have been challenged by object databases, which were introduced in an attempt to address the object-relational impedance mismatch in relational database, and XML databases.



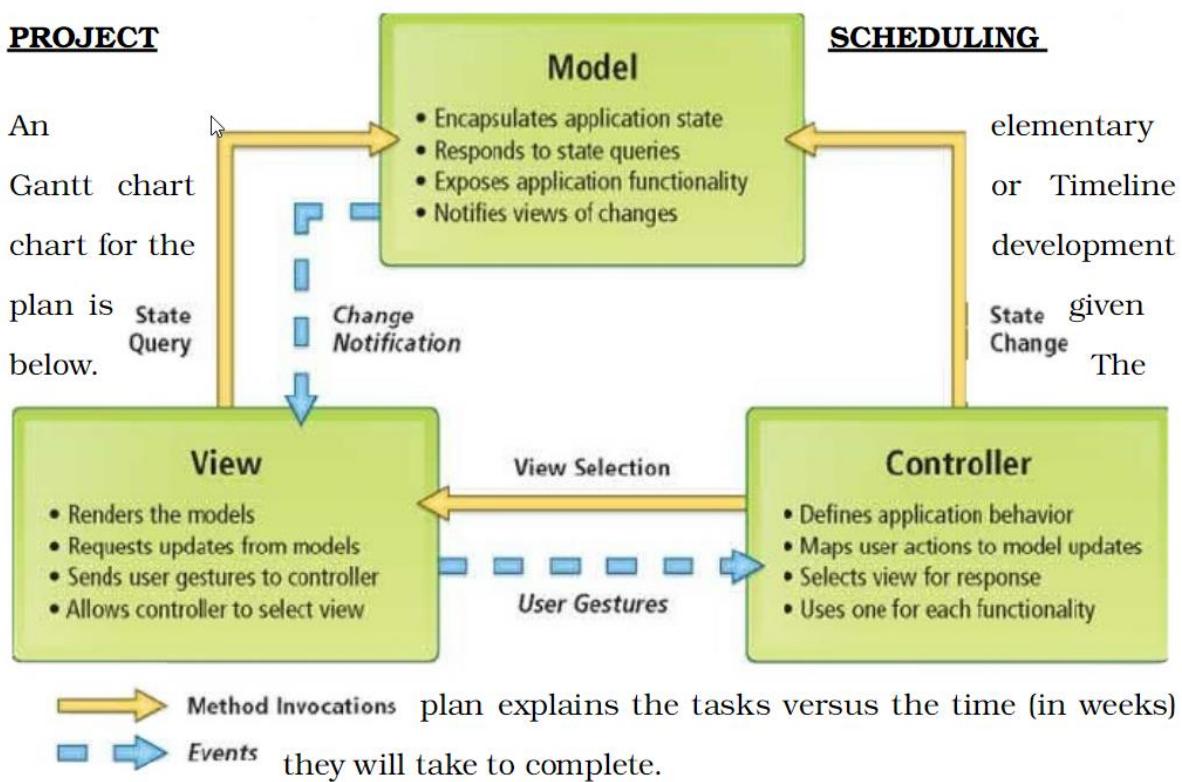
## Implementation Methodology:

Model View Controller or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts:

- **Model** - The lowest level of the pattern which is responsible for maintaining data.
- **View** - This is responsible for displaying all or a portion of the data to the user.
- **Controller** - Software Code that controls the interactions between the Model and View.

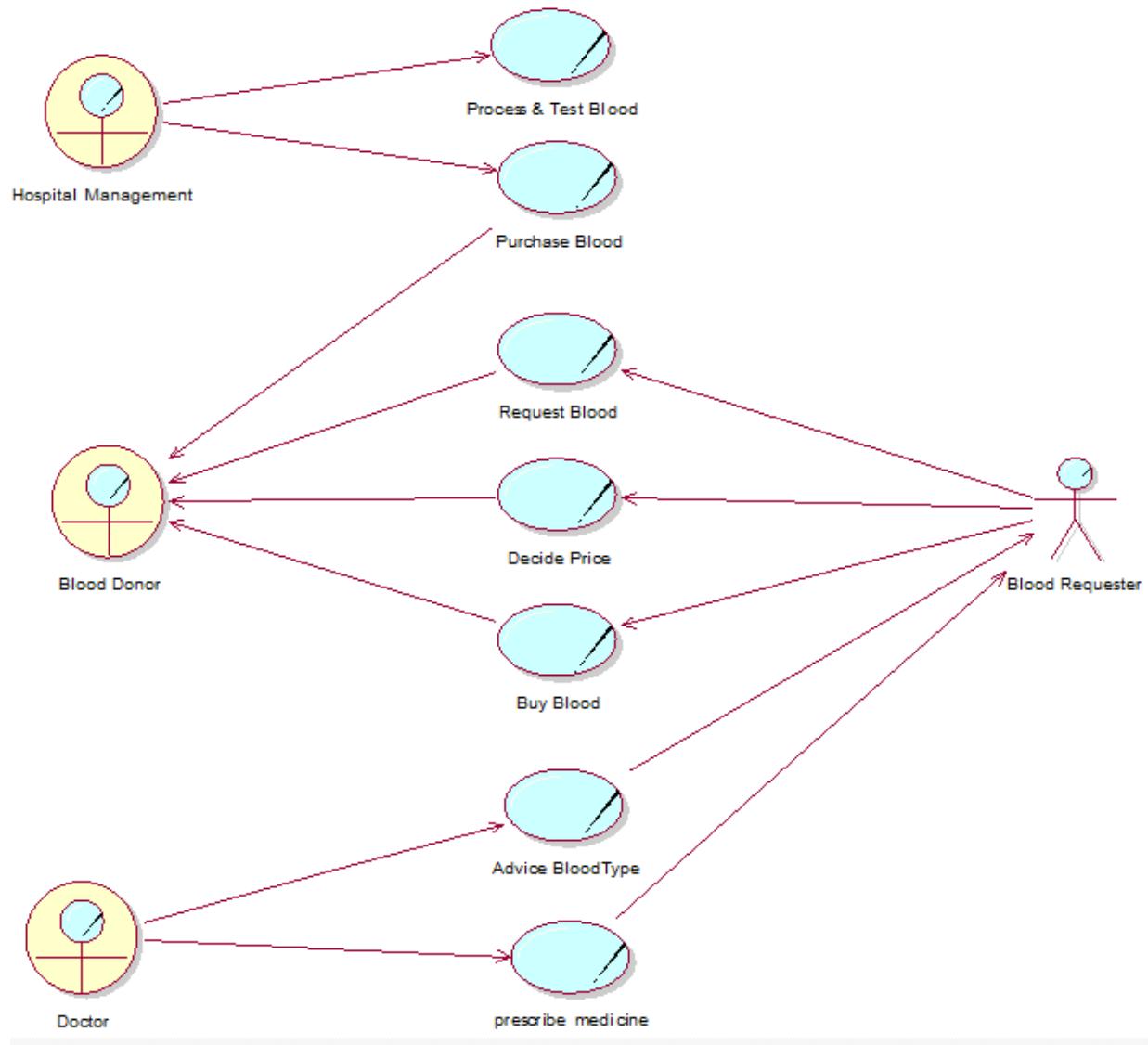
MVC is popular as it isolates the application logic from the user interface layer and supports separation of concerns. Here the Controller receives all requests for the application and then works with the Model to prepare any data needed by the View. The View then uses the data prepared by the Controller to generate a final presentable response. The MVC abstraction can be graphically represented as follows.

### MVC (Model View Controller Flow) Diagram

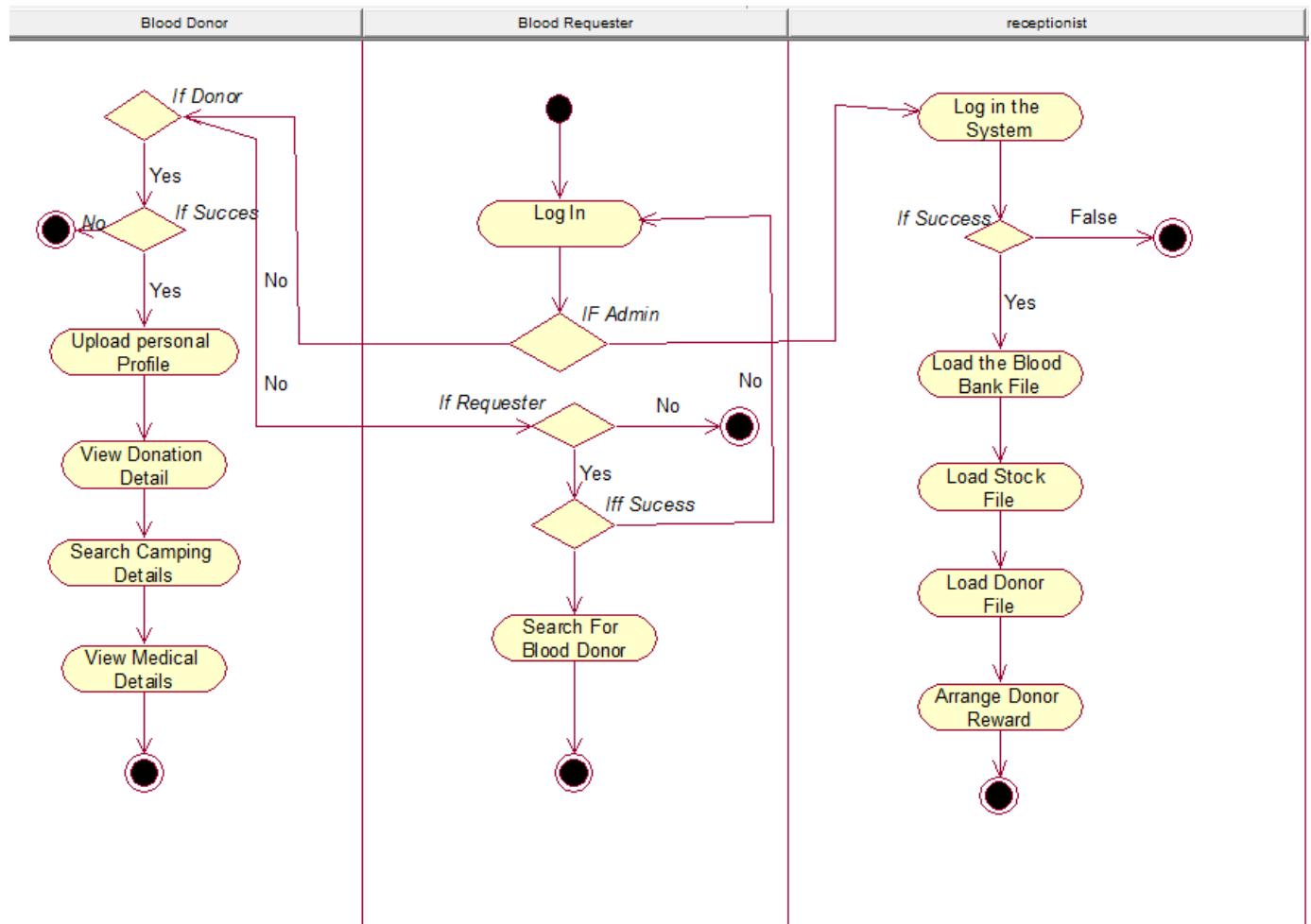


# Charts And Diagrams

BUSINESS USE CASE DIAGRAM

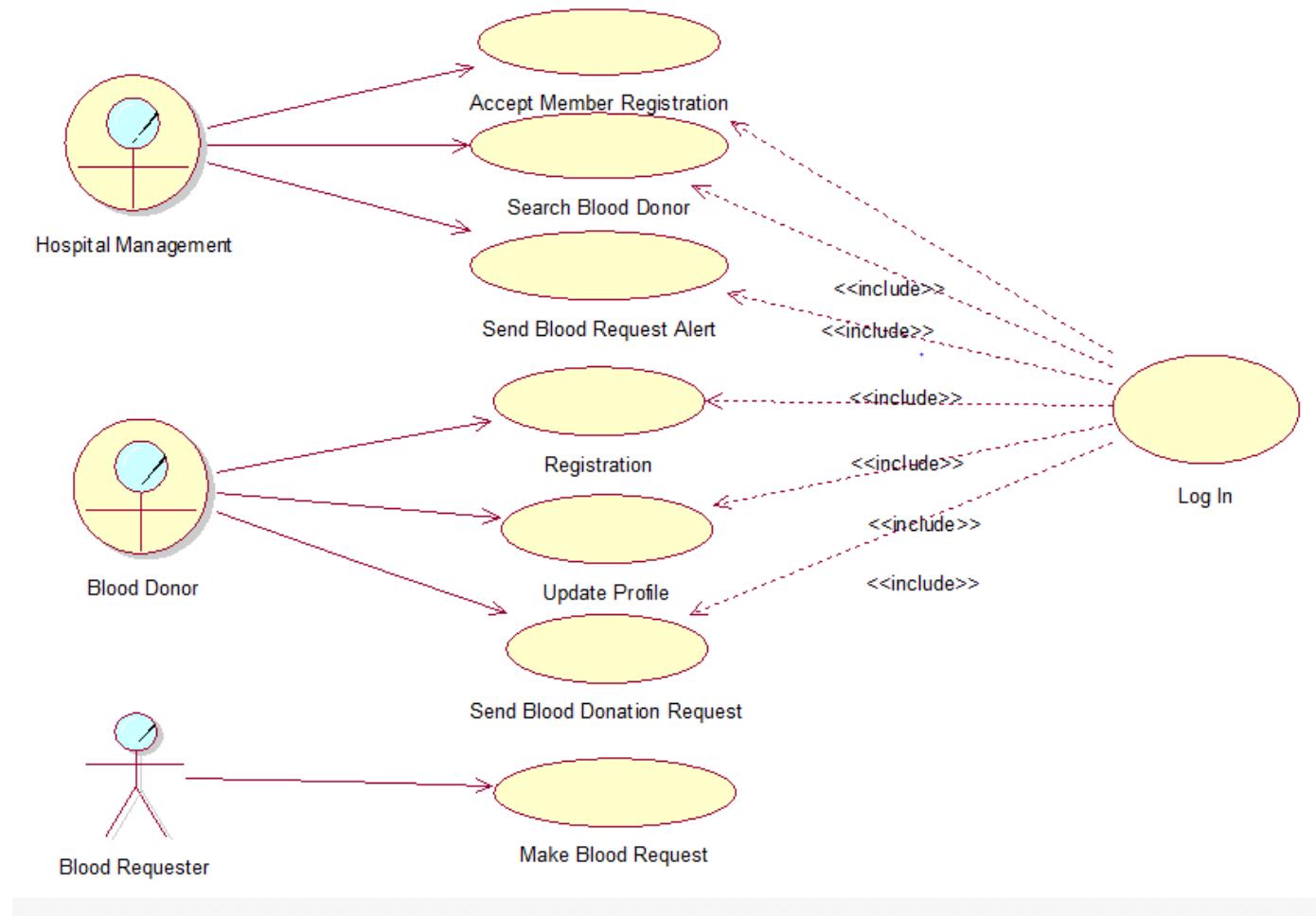


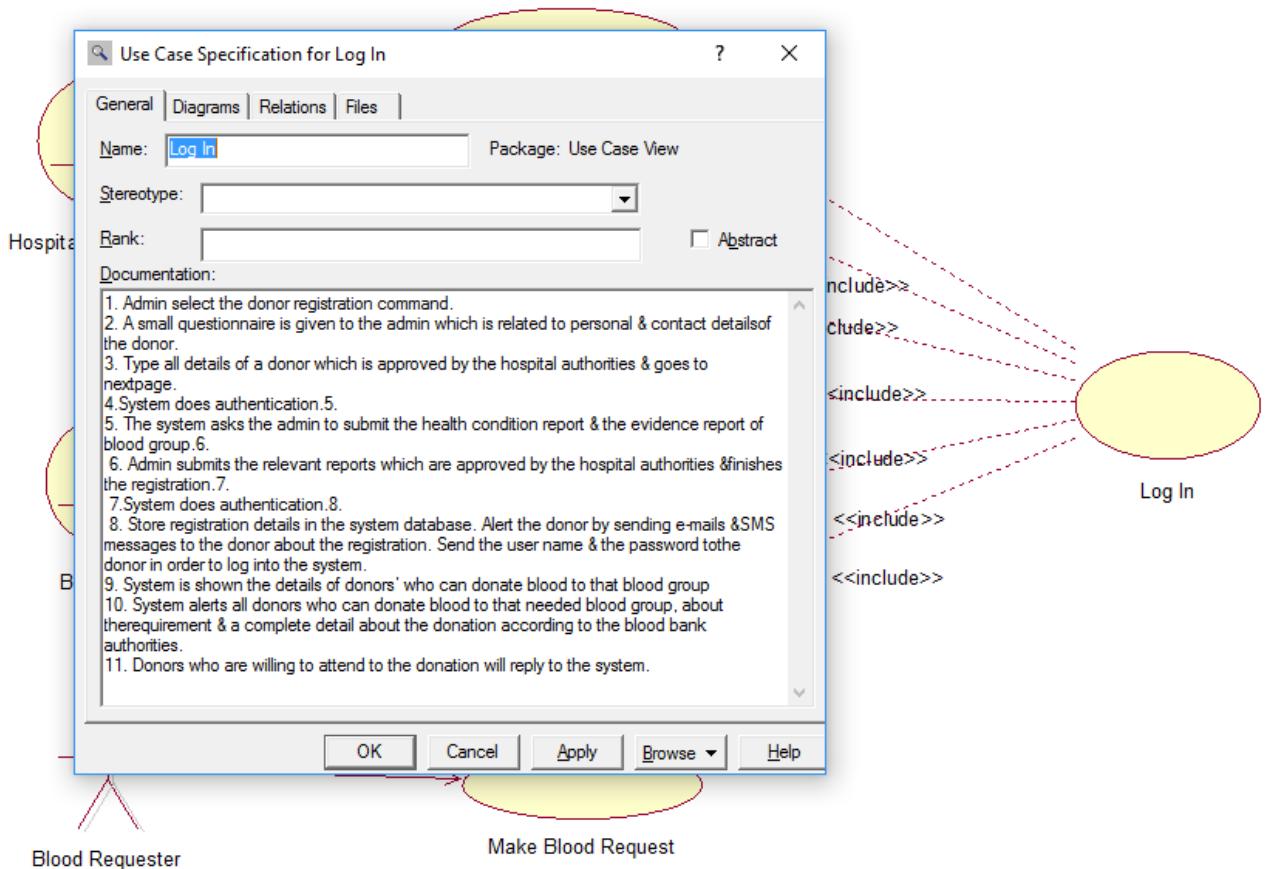
# ACTIVITY DIAGRAM

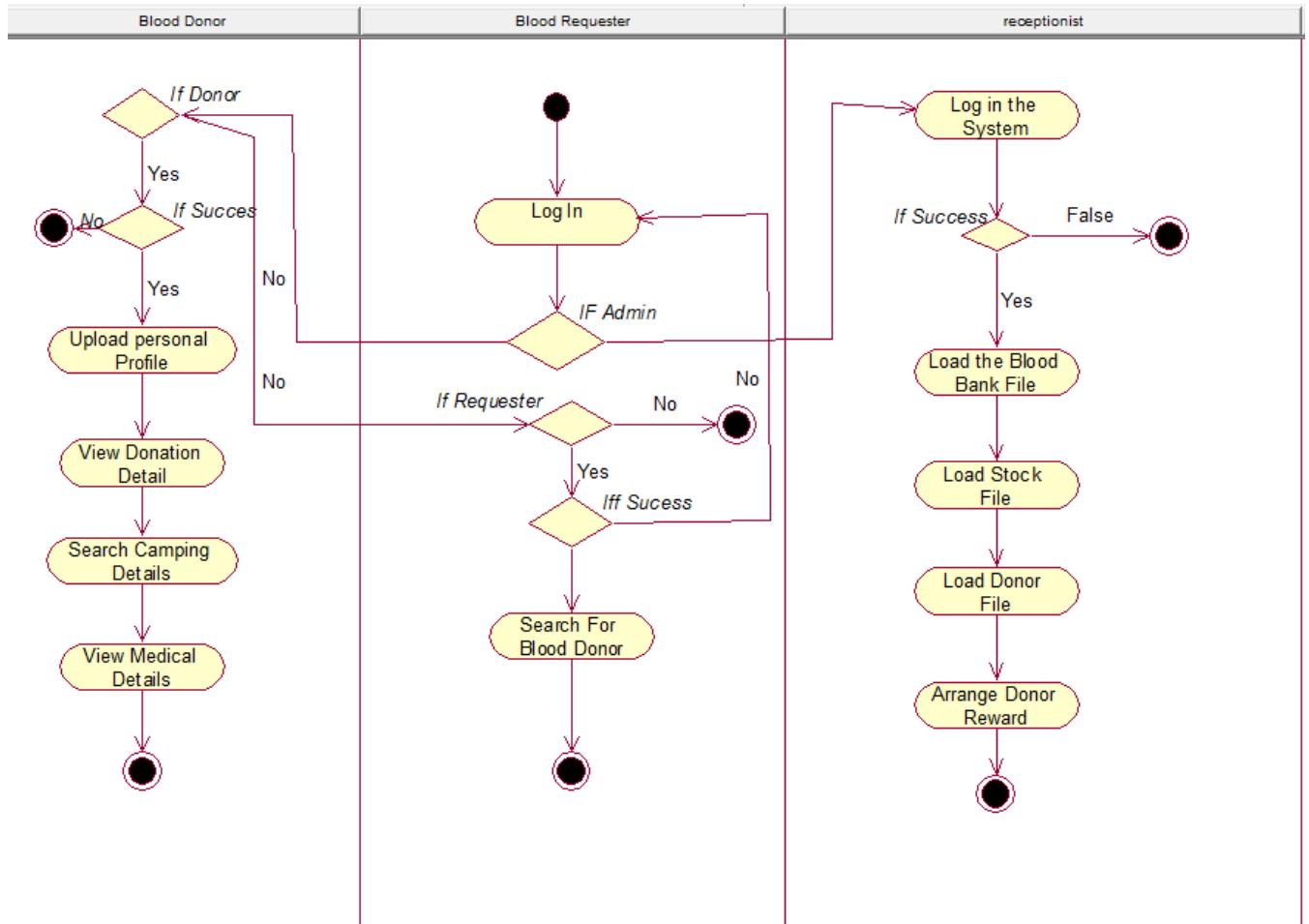


## SYSTEM USE CASE WITH DESCRIPTION AND ACTIVITY FLOW:

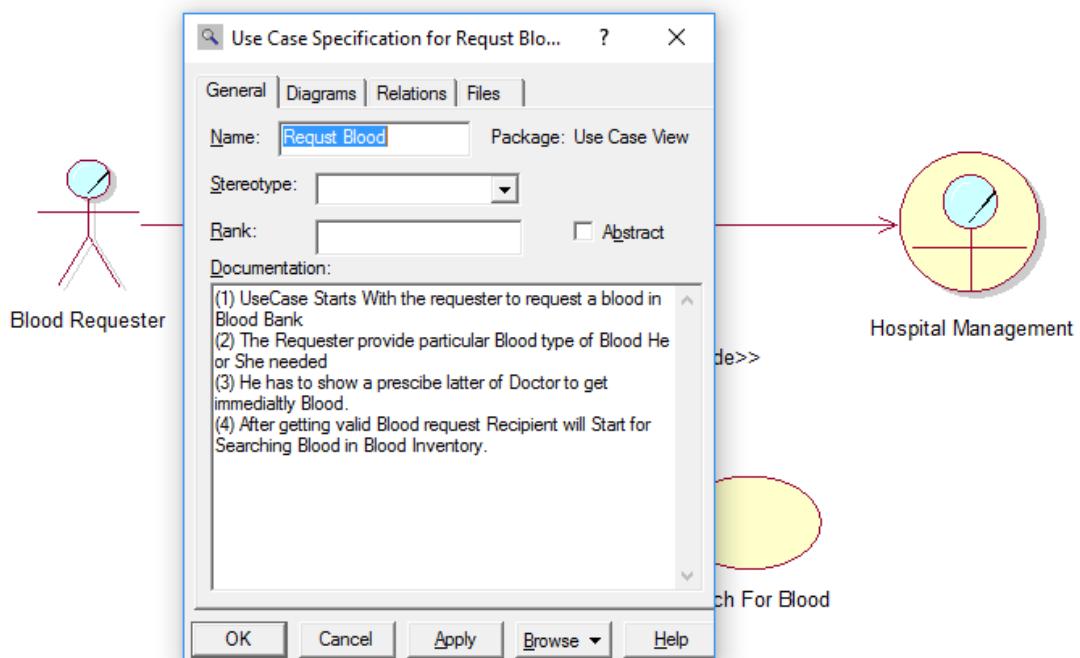
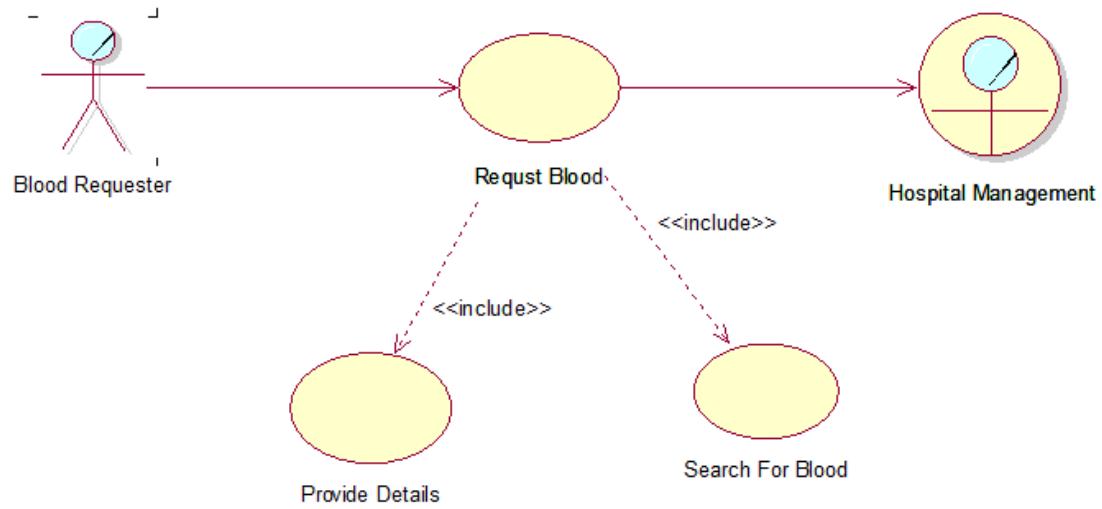
System use case 1:

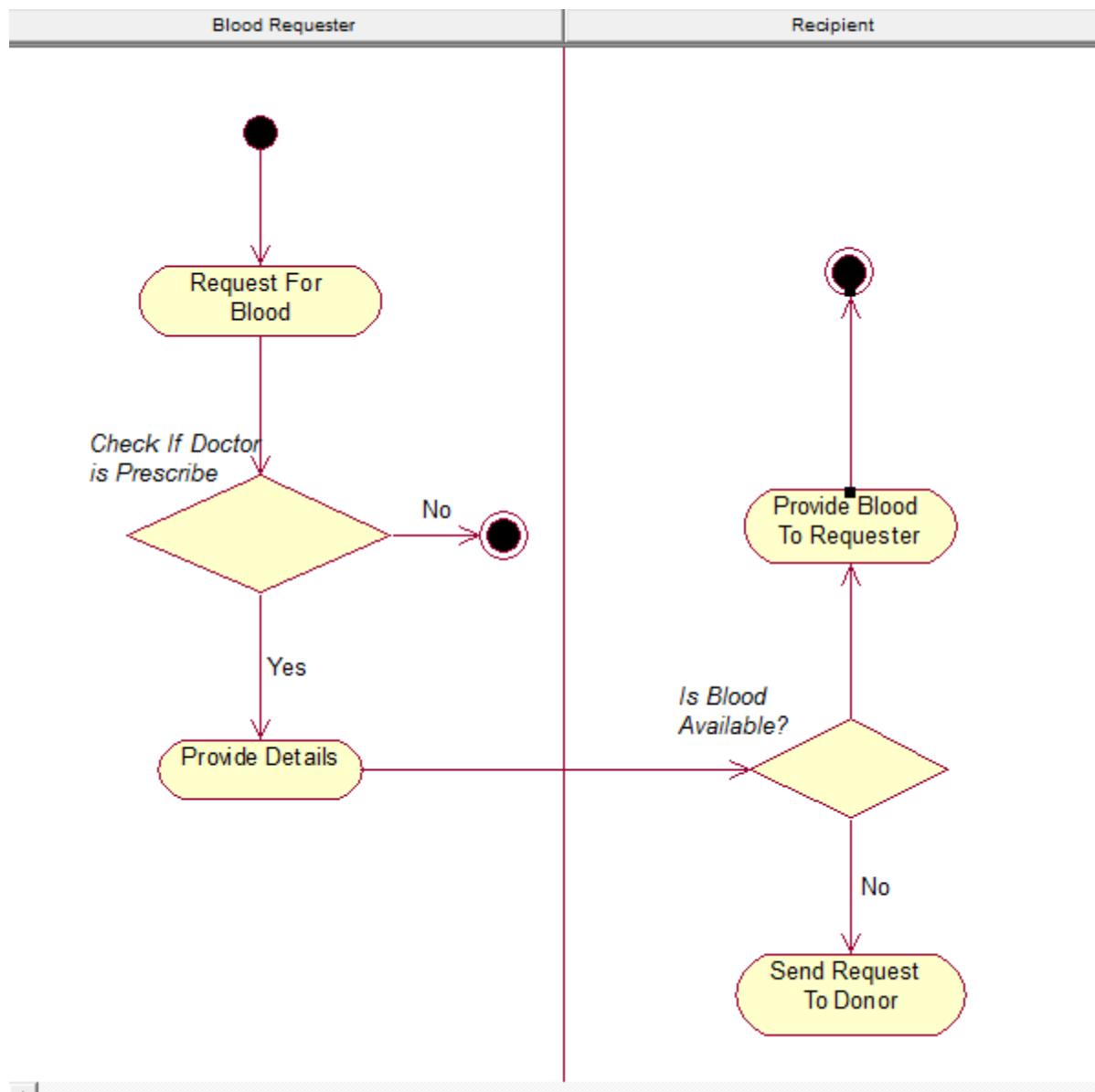




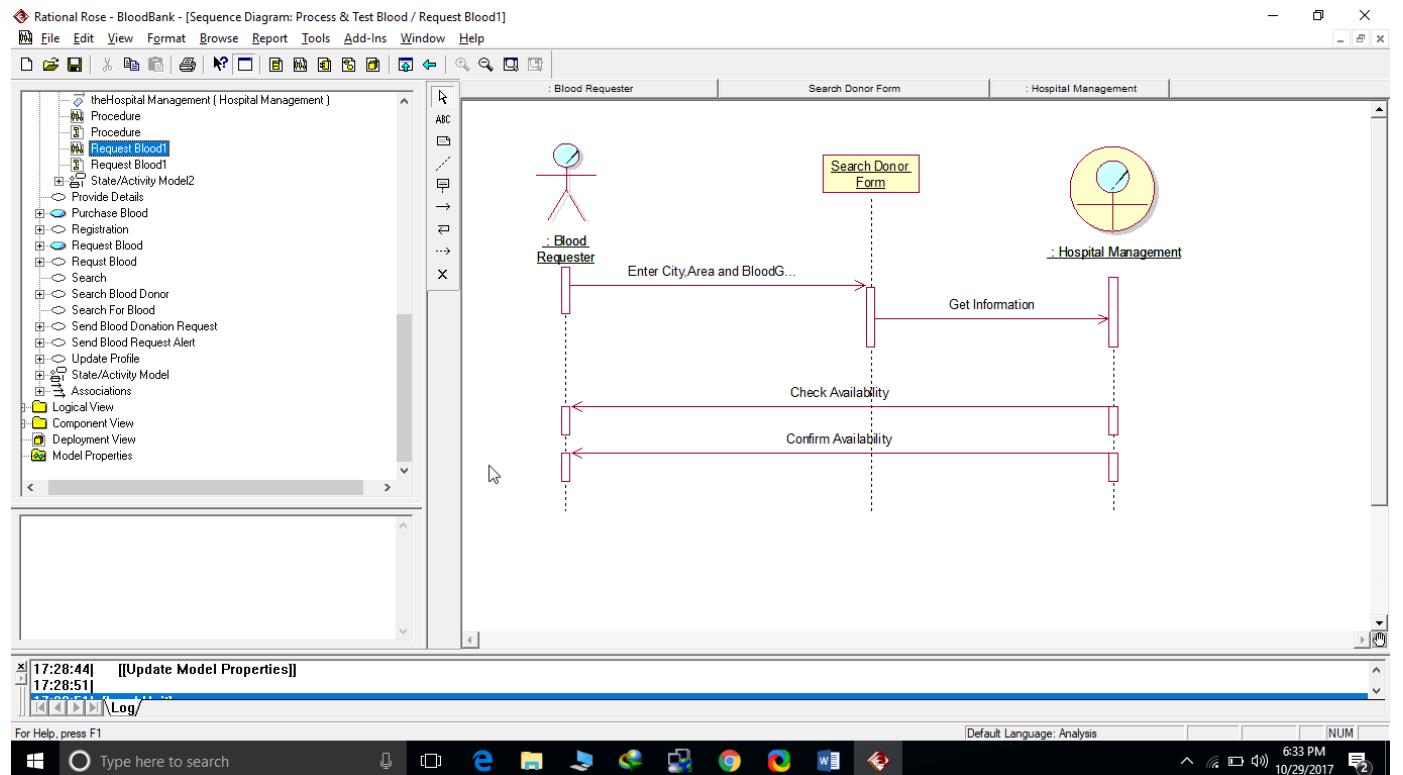


## System use case 2:

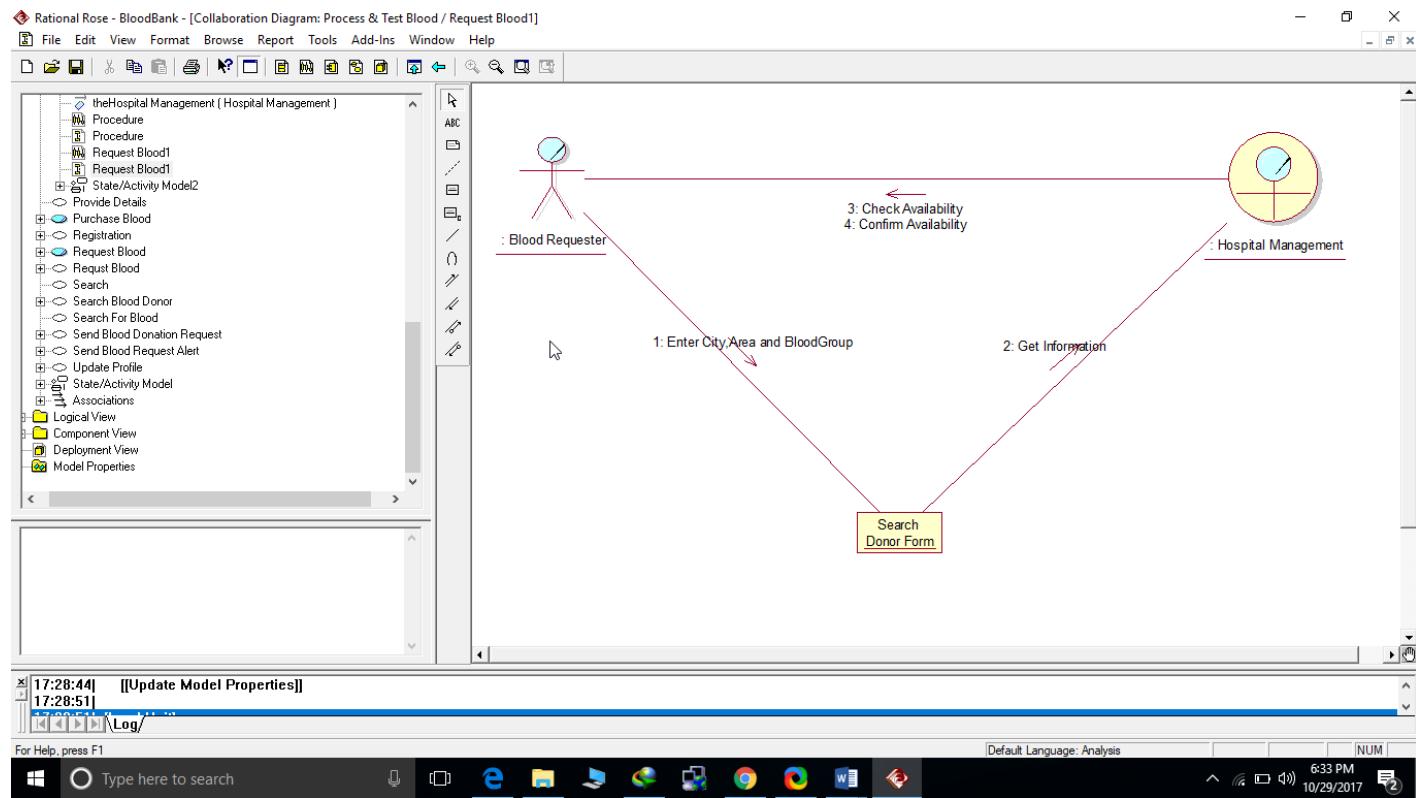




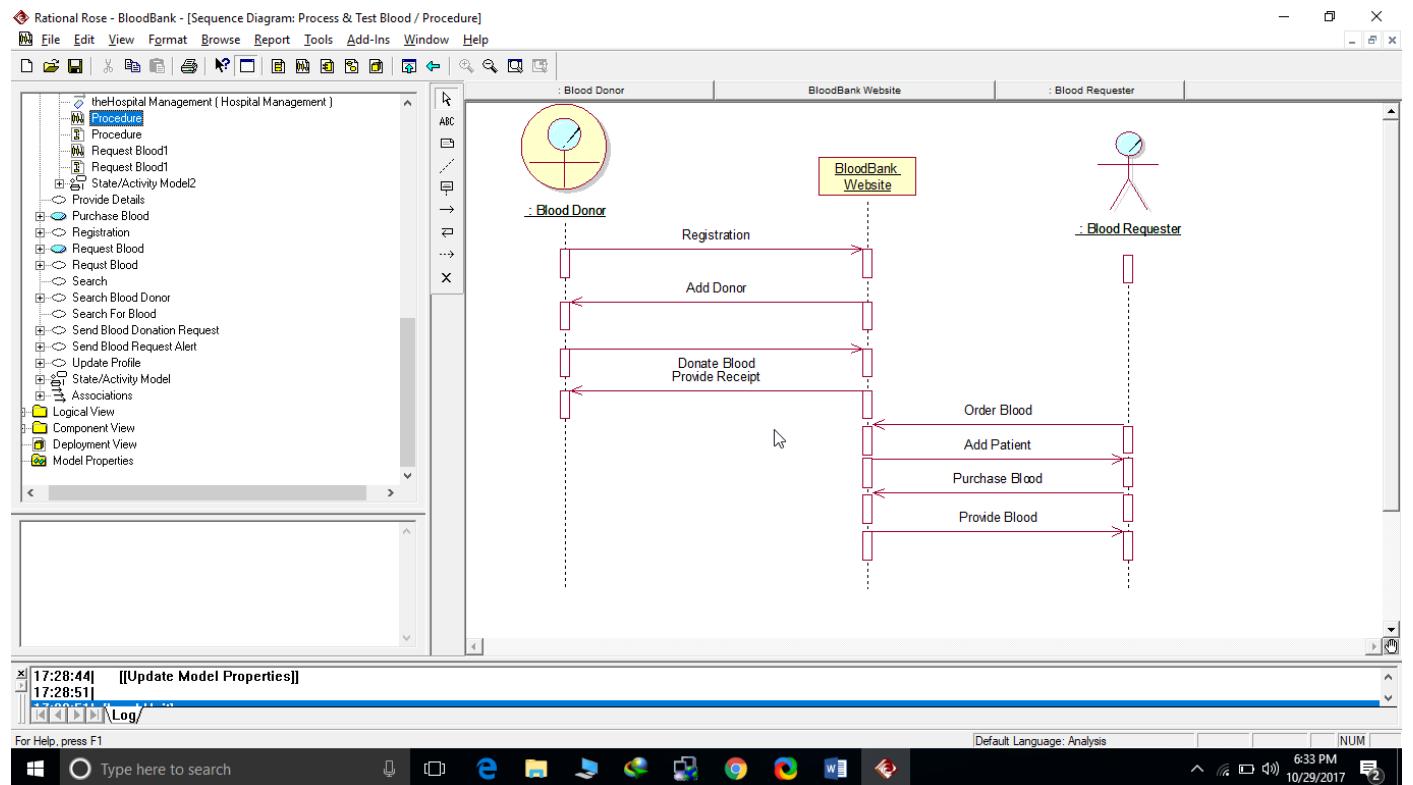
# Sequence Diagram



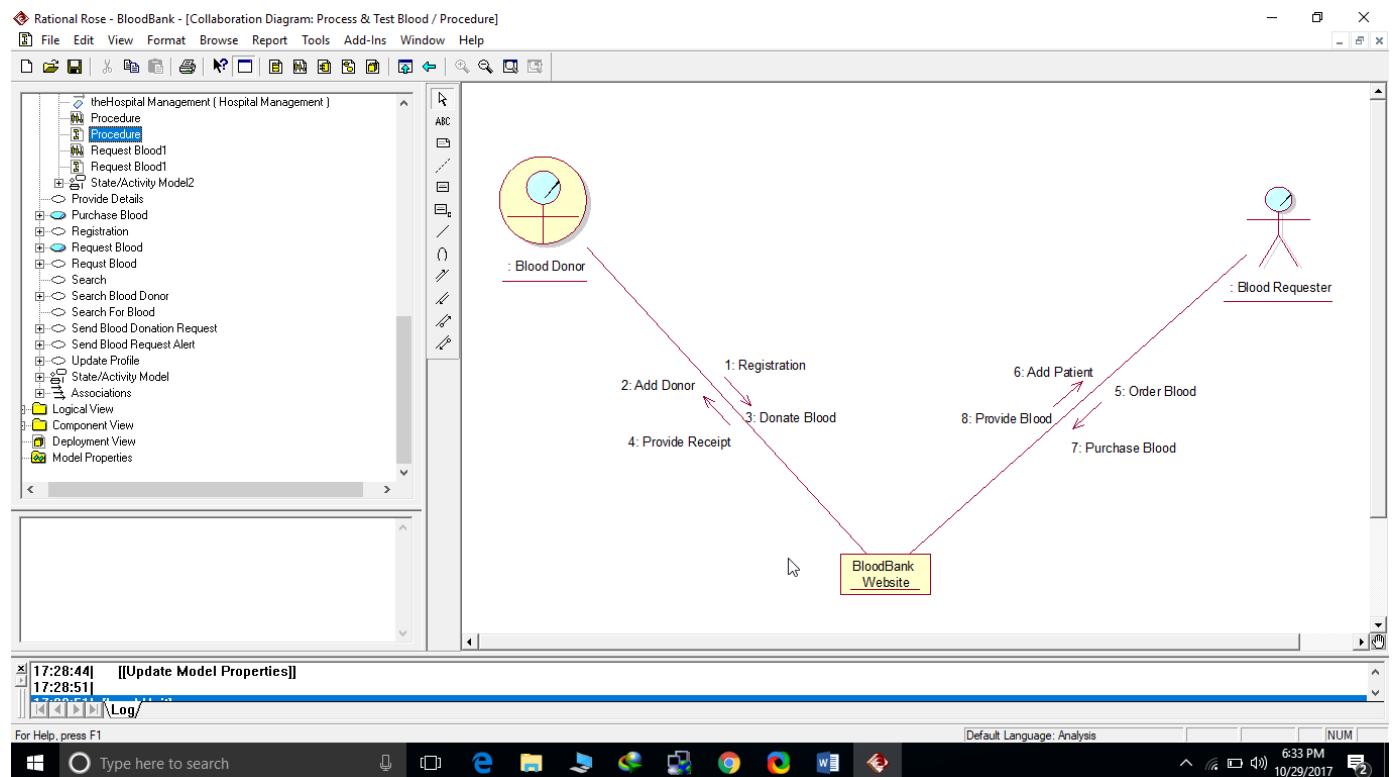
# collaboration diagram



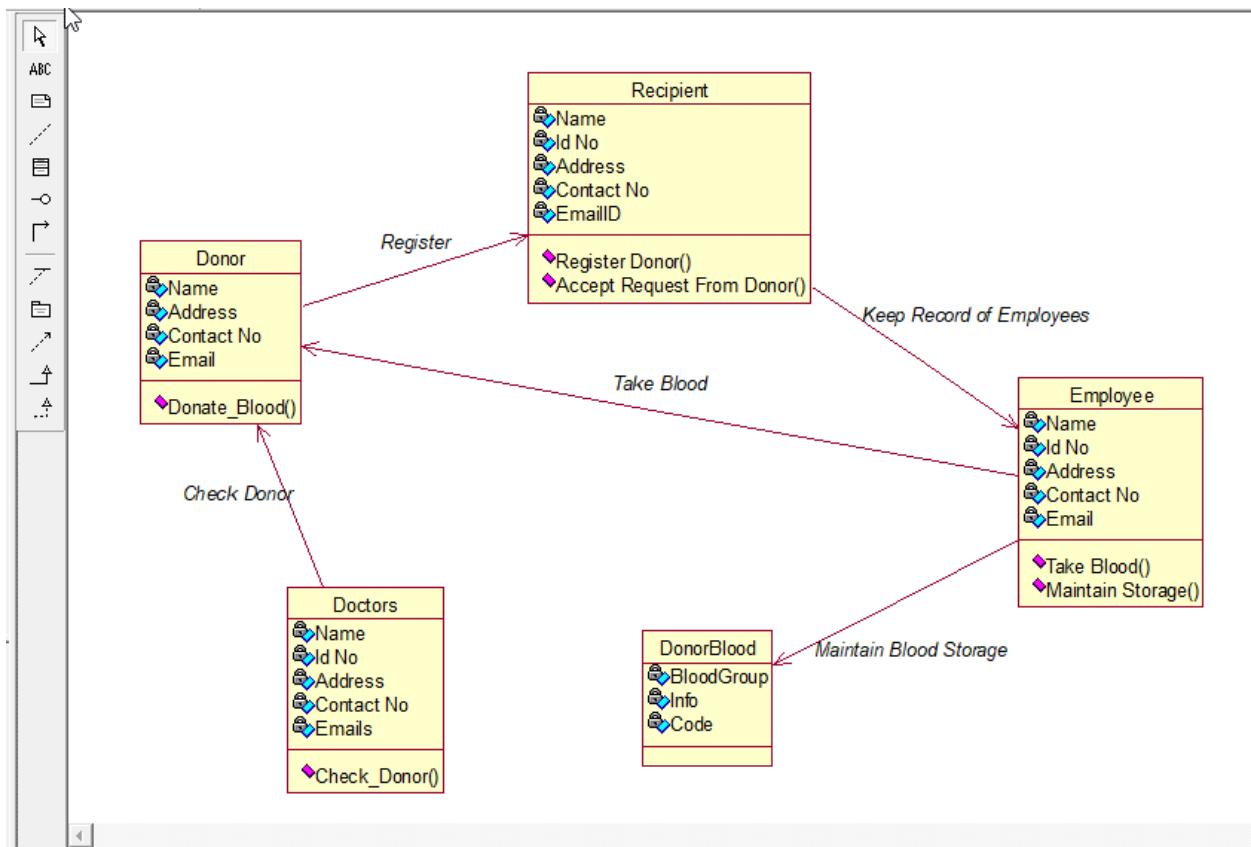
# Sequence Diagram

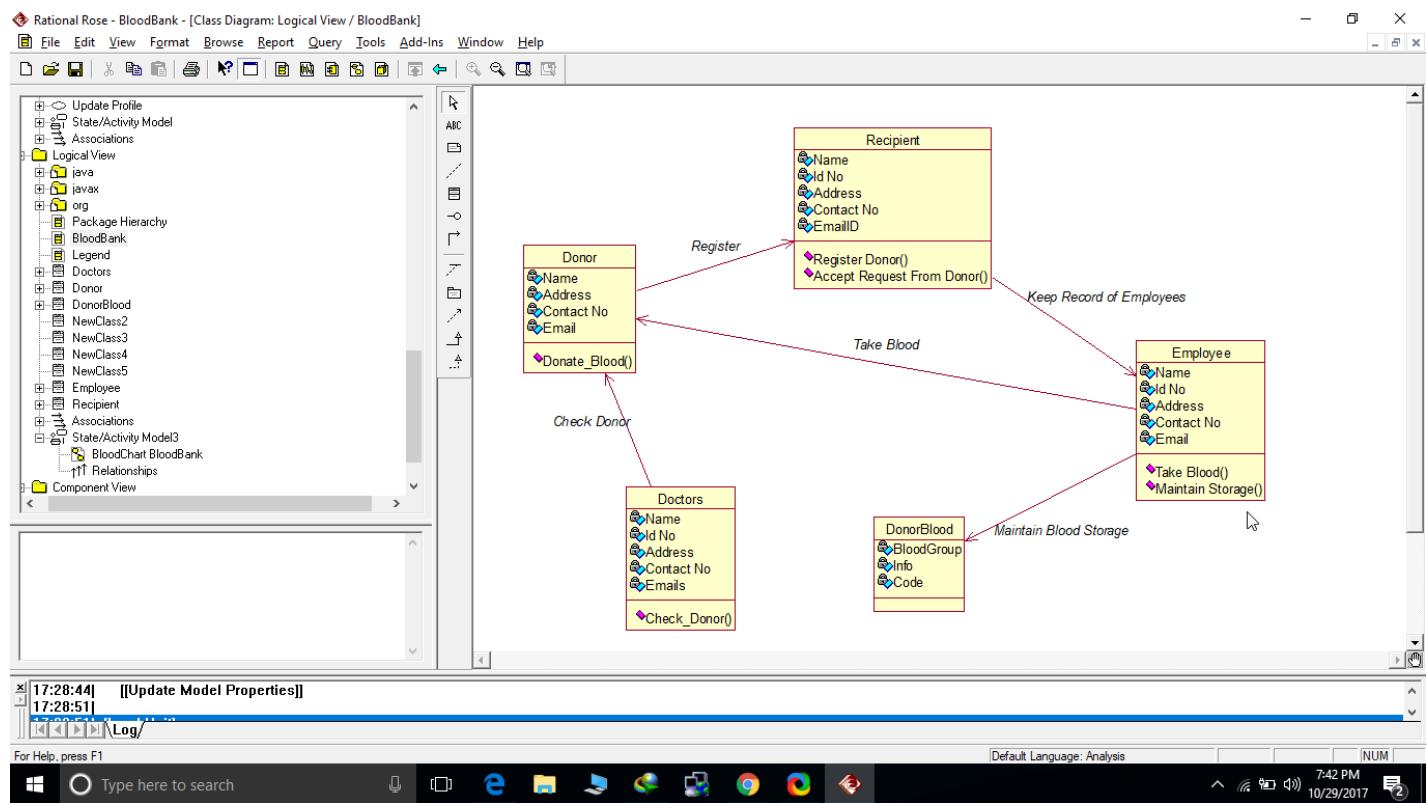


# collaboration diagram

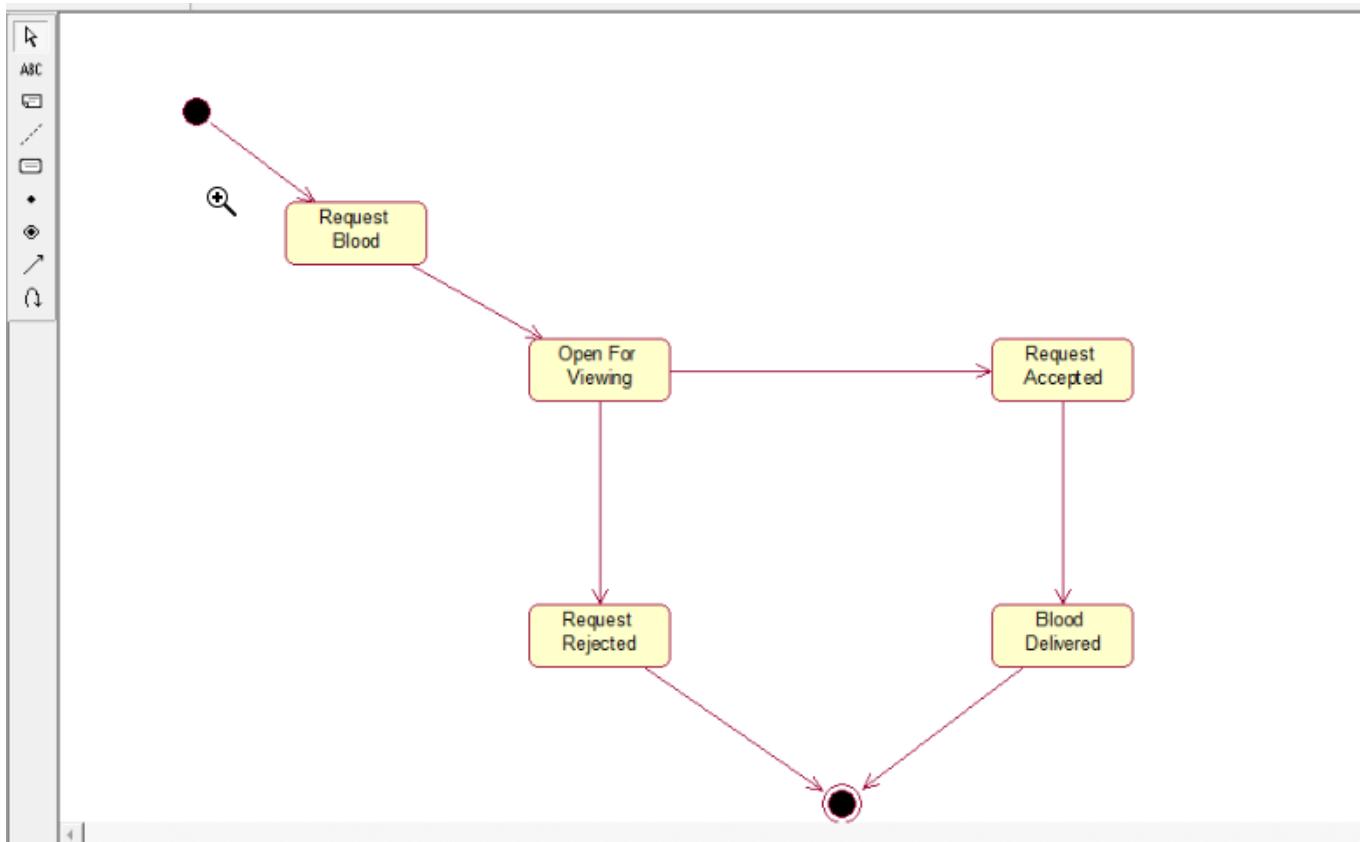


# Class Diagram

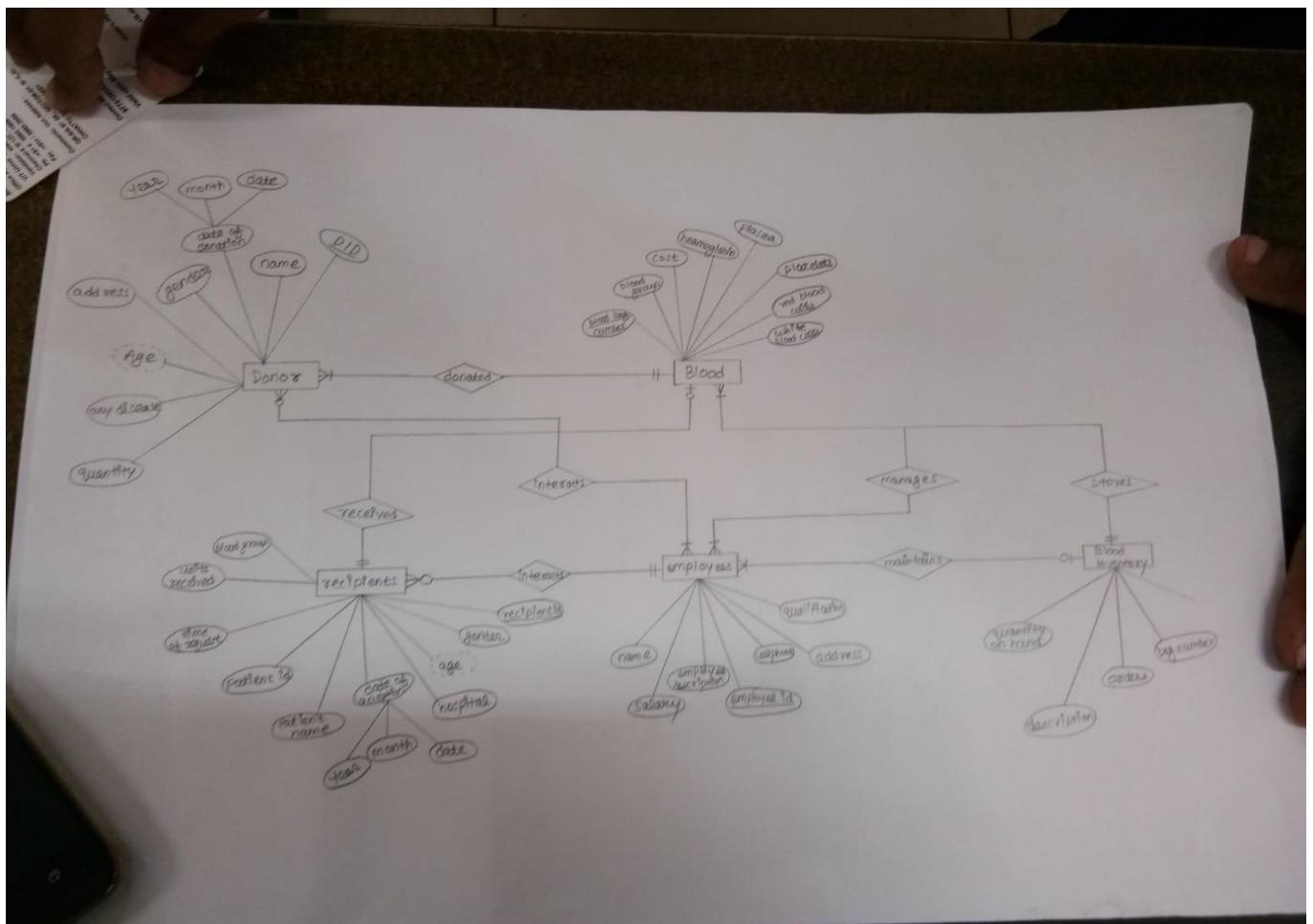




## StateChart Diagram



## ER DIAGRAM:



## SCREENSHOTS

### 1) DONOR MODULE

From here donor can register

The screenshot shows a web browser window with the title "VIT Blood Bank - Donate". The main content area is titled "Donor Registration". It contains several form fields:

- Name\*: A text input field.
- Date of Birth\*: A date input field with dropdown menus for DD, MM, and YYYY. Below it, a note says "Date of birth will not be shown to others. It's only for calculating your age."
- Blood Group\*: A dropdown menu labeled "Select".
- Contact Number:
  - Mobile\*: A text input field.
  - Residence: A text input field.
  - Office: A text input field.
- Gender\*: Radio buttons for Female and Male.
- Weight\*: A text input field with "Kgs" suffix and a note "(should be above 50 kg)".
- E-mail\*: A text input field.
- Note: "We recommend you enter the e-mail ID, which will help us get in touch with you in case you are not reachable by phone. It will be greater help if you could provide us your personal e-mail ID besides your corporate e-mail ID. You can always be reached to save a life!"
- Date of last blood donation: A text input field.

On the right side, there is a sidebar titled "Find a Donor" with dropdown menus for City, Area, and Group, and a "Search" button. Below the sidebar, there are sections for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation". The bottom of the screen shows the Windows taskbar with various pinned icons and the system tray.

VIT Chennai Course: Database Manag DBMS Half Project Repo VIT Blood Bank - Donate

Email Alert : You will receive an alert on your Email when there is a request for your blood type within your city.

**City\*:**  
Select City

**Area\*:**  
Select Area

How often have you donated blood in the past?  
Yet to donate

**Please check your eligibility to donate blood**

My hemoglobin is not less than 12.5 grams  
 I am free from acute respiratory diseases and skin diseases  
 I do not carry any disease transmissible by blood transfusion  
 I am not under medication for Malaria / Tuberculosis / Diabetes / Fits / Convulsions

Type here to search 18:24 12-05-2017

Here, is some information given about Why we have to donate blood,  
It inspires donor to blood

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "VIT Blood Bank" and displays a page for "Why Donate Blood?". The page content includes text about blood composition, its importance, and the challenges of harvesting it. It also features a red button labeled "Start by Registering as a Donor". To the right of the main content area, there is a sidebar titled "Find a Donor" with dropdown menus for "City", "Area", and "Group", and a "Search" button. Below the search area, there are links for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation". At the bottom of the page, there is a navigation bar with links to "About Us", "Feedback", "FAQ", and "Share Your Experience". The browser's taskbar at the bottom shows various pinned icons.

Register Free    Why Donate Blood?    Who Needs Blood?    Contact Us    Recipient Login    Employee Login

Why Donate Blood?

Blood is the living fluid that all life is based on. Blood is composed of 60% liquid part and 40% solid part. The liquid part called Plasma, made up of 90% water and 10% nutrients, hormones, etc. is easily replenished by food, medicines, etc. But the solid part that contains RBC (red blood cells), WBC (white blood cells) and Platelets take valuable time to be replaced if lost.

This is where you come in. The time taken by a patient's body to replace it could cost his/her life. Sometimes the body might not be in a condition to replace it at all.

As you know blood cannot be harvested it can only be donated. This means only you can save a life that needs blood.

Every year India requires 40 million units of 250cc blood out of which only a meager 500,000 of blood units are available.

Saving a life does not require heroic deeds. You could just do it with a small thought and an even smaller effort by saying "yes".

Start by Registering as a Donor

About Us | Feedback | FAQ | Share Your Experience

City :  
--- Select City ---

Area :  
--- Select Area ---

Group :  
--- Select Group ---

Search

Find a Donor

Donors' Speak

Blood Facts

Tips on Blood Donation

Here, is some information given about Who needs blood,  
It spread awareness in donor about blood donation:

The screenshot shows a web browser window with multiple tabs open. The active tab displays a blood bank donation page with the following content:

**Who Needs Blood?**

**Who needs blood?**

Every 2 seconds someone needs blood. Your blood helps more than one life at a time. Accident victims, premature babies, patients undergoing major surgeries require whole blood, where your blood after testing is used directly. Patients suffering from trauma, anemia, and other surgeries require only red blood cells, which is separated from your blood. The procedure of splitting blood components is called Cytapheresis. Similarly blood platelets are used for cancer patients undergoing chemotherapy or for those undergoing treatment for dengue fever etc. Fresh frozen plasma is used for patients having massive transfusions, plasma is used for burns and cryoprecipitate is used for hemophilia.

**When is blood needed?**

Blood is needed at regular intervals and at all times as it has only finite time of storage. Red blood cells can be stored for about 42 days, fresh frozen plasma and cryoprecipitate for 365 days and blood platelets for 5 days.

**Who can donate blood?**

Anyone above 18 years weighing more than 50 kgs (110 lbs) can donate blood. [Click here to find out what are the requirements for donating blood.](#)

**Find a Donor**

**City :**

**Area :**

**Group :**

**Search**

**Donors' Speak**

**Blood Facts**

**Tips on Blood Donation**

The browser's taskbar at the bottom shows various pinned icons and the system tray indicates the date and time as 12-05-2017 18:41.

## Here donor can share his/ her experience:

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "VIT Blood Bank - Donorspeak.html". The page content includes a navigation bar with links for "Register Free", "Why Donate Blood?", "Who Needs Blood?", "Contact Us", "Recipient Login", and "Employee Login". Below the navigation bar, there is a section titled "Share Your Experience" which contains three testimonies from donors:

- Sreekanth C**: I have donated blood more than seven times and have'nt had any problems due to donation.
- Manish Bhartia**: I have donated blood on many occasions and believe me while donating I always feel pride from inside, a feeling of saving someone's life is beyond anything else. We all should experiance such feelings in life.....
- Anil Reddy**: My experience has been Nice.

To the right of the testimonies, there is a sidebar titled "Find a Donor" with dropdown menus for "City", "Area", and "Group", and a "Search" button. Below the sidebar, there are links for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation". The bottom of the screen shows the Windows taskbar with various pinned icons and the date/time (12-05-2017, 18:41).

Here is Some Blood Facts given which spread awareness among donor :

Register Free Why Donate Blood? Who Needs Blood? Contact Us Recipient Login Employee Login

## Blood facts

1. Blood is the life-maintaining fluid that circulates through the body's heart, arteries, veins and capillaries.
2. Blood carries to the body nourishment, electrolytes, hormones, vitamins, antibodies, heat, and oxygen.
3. Blood carries away from the body waste matter and carbon dioxide.
4. Blood fights against infection and helps heal wounds, keeping you healthy.
5. Blood makes up about 7% of your body's weight.
6. A newborn baby has about one cup of blood in his or her body.
7. White blood cells are the body's primary defence against infection.
8. Granulocytes, a type of white blood cell, roll along blood vessel walls to search and destroy bacteria.
9. Red blood cells carry oxygen to the body's organs and tissues.
10. There are about one billion red blood cells in two to three drops of blood.
11. Red blood cells live about 120 days in the circulatory system.
12. Blood platelets help clotting and give those with leukemia and other cancers a chance to live.

Find a Donor

City :  
--- Select City ---

Area :  
--- Select Area ---

Group :  
--- Select Group ---

Search

Donors' Speak

Blood Facts

Tips on Blood Donation

Frequently asked questions :

Register Free Why Donate Blood? Who Needs Blood? Contact Us Recipient Login Employee Login

## FAQ

- 1. How can I find blood donors in this website?**

We have an option called "Find a donor" on every page. Click on the link.

  - Select your location from the list.
  - Select the blood type you are searching for.
  - Click the search button.
  - You will now see a list of donors in the locality/area of your choice.
- 2. How can I register as a blood donor?**

Click on the "Register as a donor" link. You can find this button on most pages of the site. Once you click on this button, you will be taken to a registration page, please fill out the details. Once you do this, you become a registered member of our site and your name will be viewable to recipients searching for donors.
- 3. How will a recipient find me?**

A recipient who is in need of blood searches by type of blood and locality/area. If your blood type matches the requirement, your name along with contact details will be displayed in the search results. The recipient will then call you to fix an appointment.

Find a Donor

City :  
--- Select City ---

Area :  
--- Select Area ---

Group :  
--- Select Group ---

Search

Donors' Speak

Blood Facts

Tips on Blood Donation

# Contact Us

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "VIT Blood Bank - Donate" and has the URL "localhost/dashboard/Bloodbank/Contactus.html". The page content includes:

- A navigation bar with links: Register Free, Why Donate Blood?, Who Needs Blood?, Contact Us (highlighted in red), Recipient Login, and Employee Login.
- A section titled "Contact Us" containing the text:

**VIT BLOODBANK**  
VIT UNIVERSITY CHENNAI CAMPUS  
Vandalur-Kelambakkam Rd, Chennai,  
Tamil Nadu 600048

Email: [vitbloodbank@gmail.com](mailto:vitbloodbank@gmail.com)
- A section titled "Find a Donor" with three dropdown menus:
  - City :
  - Area :
  - Group :
- A red "Search" button.
- Links for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation".
- At the bottom, a horizontal bar with links: About Us | Feedback | FAQ | Share Your Experience.
- The taskbar at the bottom of the screen shows the Windows Start button, a search bar, and various pinned application icons (File Explorer, Edge, Google Chrome, File History, Task View, File Explorer, and others). The system tray shows the date and time as 12-05-2017 and 18:49.

## From here Recipient can Login:

The screenshot shows a web browser window with the URL `localhost/dashboard/Bloodbank/Recipientlogin.html`. The page has a header with tabs for VIT Chennai, Course: Database Management, DBMS Half Project Report, and VIT Blood Bank - Donate. Below the header, there are navigation links: Register Free, Why Donate Blood?, Who Needs Blood?, Contact Us, Recipient Login (highlighted in red), and Employee Login. The main content area is titled "Recipient Login" and contains fields for "Recipient ID" and "Password", with a "Login" button. To the right, there is a sidebar titled "Find a Donor" with dropdown menus for "City", "Area", and "Group", and a "Search" button. Below the sidebar are links for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation". At the bottom of the page is a horizontal menu bar with links for About Us, Feedback, FAQ, and Share Your Experience.

## From here Employee can Login:

The screenshot shows a web browser window with the URL `localhost/dashboard/Bloodbank/Employeelogin.html`. The layout is identical to the Recipient login page, with the same header, navigation links, and sidebar. The main content area is titled "Employee Login" and contains fields for "Employee ID" and "Password", with a "Login" button. The sidebar and footer links are also the same as the Recipient login page.

From here a visitor of the website can find donor in particular area :

The screenshot shows a web browser window with multiple tabs open. The active tab displays search results for donors. The search parameters are listed at the top: Blood Group : A1+, City : Chennai, Area : Mambakkam. The results section shows two entries, each with a donor ID and resource ID. The first entry (Donor ID 7) includes detailed information: Name (Belida Vikas), Gender (M), Date of Birth (1998-03-05), Location (Mambakkam,Chennai), Last Donated Date (2017-04-04), Mobile (9097645372), Residence (2367854982), and Office (2908546738). The second entry (Donor ID 8) includes similar information: Name (Vivek Pollama Reddy), Gender (M), Date of Birth (1982-02-14), Location (Mambakkam,Chennai), Last Donated Date (2017-04-04), Mobile (9034782356), Residence (2387546901), and Office (2190763421). The browser interface includes a search bar at the bottom.

The screenshot shows a web browser window with multiple tabs open. The active tab displays search results for donors. The search parameters are listed at the top: Blood Group : A1+, City : Chennai, Area : . The results section shows two entries, each with a donor ID and resource ID. The first entry (Donor ID 7) includes detailed information: Name (Belida Vikas), Gender (M), Date of Birth (1998-03-05), Location (Mambakkam,Chennai), Last Donated Date (2017-04-04), Mobile (9097645372), Residence (2367854982), and Office (2908546738). The second entry (Donor ID 8) includes similar information: Name (Vivek Pollama Reddy), Gender (M), Date of Birth (1982-02-14), Location (Mambakkam,Chennai), Last Donated Date (2017-04-04), Mobile (9034782356), Residence (2387546901), and Office (2190763421). The browser interface includes a search bar at the bottom.

## Welcome Recipient :

The screenshot shows a web browser window titled "VIT Blood Bank - Donor". The address bar indicates the URL is `localhost/dashboard/Bloodbank/Recipient.php`. The page header includes links for "Register Free", "Why Donate Blood?", "Who Needs Blood?", "Contact Us", "Recipient Login", and "Employee Login". A welcome message "Welcome Tarun" is displayed. On the right side, there is a sidebar titled "Find a Donor" with dropdown menus for "City", "Area", and "Group", followed by a red "Search" button. Below the sidebar is a box titled "Donors' Details" containing links for "Add A New Employee", "Employees' Details", "Reset Your Password", and "Logout". The system status bar at the bottom shows the date as 12-05-2017 and the time as 19:06.

## Donors ' Details :

The screenshot shows a web browser window titled "VIT Blood Bank - Donor". The address bar indicates the URL is `localhost/dashboard/Bloodbank/Donorsdetails.php`. The page header includes links for "Register Free", "Why Donate Blood?", "Who Needs Blood?", "Contact Us", "Recipient Login", and "Employee Login". A section titled "Donors' Details" contains a "Filter The Record :" section with two checkboxes: "Don't Have Any Disease" (checked) and "Last Donation Date Is Before 3 Months". Below this is a "Filter" button. A table displays donor details for a specific record:

| Donor ID :7       |                         | Blood Group :A1+ |            |
|-------------------|-------------------------|------------------|------------|
| Name              | Belida Vikas            | Mobile           | 9097645372 |
| Gender            | M                       | Residence        | 2367854982 |
| Date_of_Birth     | 1998-03-05              | Office           | 2908546738 |
| Location          | Mambakkam,Chennai       | Weight           | 60         |
| Last Donated Date | 2017-04-04              | Disease          | none       |
| Email ID          | vikasbelida65@gmail.com |                  |            |

The system status bar at the bottom shows the date as 12-05-2017 and the time as 19:07.

## Filter Result :

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "VIT Blood Bank - Donor Details" and displays "Donors' Details". Below this, a section titled "Reset Filter :" contains a "Reset" button. The main content area shows donor information for Donor ID :7:

| Donor ID :7       |                         | Blood Group :A1+ |            |
|-------------------|-------------------------|------------------|------------|
| Name              | Belida Vikas            | Mobile           | 9097645372 |
| Gender            | M                       | Residence        | 2367854982 |
| Date_of_Birth     | 1998-03-05              | Office           | 2908546738 |
| Location          | Mambakkam,Chennai       | Weight           | 60         |
| Last Donated Date | 2017-04-04              | Disease          | none       |
| Email ID          | vikasbelida65@gmail.com |                  |            |

Below this, another section shows donor information for Donor ID :10:

| Donor ID :10      |                         | Blood Group :A1- |            |
|-------------------|-------------------------|------------------|------------|
| Name              | Belida Vikas            | Mobile           | 9097645372 |
| Gender            | M                       | Residence        | 2367854982 |
| Date_of_Birth     | 1998-03-05              | Office           | 2908546738 |
| Location          | Mambakkam,Chennai       | Weight           | 60         |
| Last Donated Date | 2017-04-04              | Disease          | none       |
| Email ID          | vikasbelida65@gmail.com |                  |            |

## Add A New Employee

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "VIT Blood Bank - Donor Details" and displays "Add A New Employee". The form includes fields for Employee Name, Email, EmpID, Cellphone, Salary, and Employee Description.

On the right side, there is a sidebar with the following sections:

- Find a Donor**: Includes dropdown menus for City, Area, and Group, and a "Search" button.
- Donors' Details**: Shows a summary of donor details.
- Add A New Employee**: Shows a summary of employee details.
- Employees' Details**: Shows a summary of employee details.
- Reset Your Password**: A link to reset a password.
- Logout**: A link to log out.

## Employees' Details

The screenshot shows a web browser window with multiple tabs open. The active tab displays 'Employees' Details'. The page contains the following information:

**Employee ID :** Emp01      **Password :** yash0535

|                   |                      |                      |                         |
|-------------------|----------------------|----------------------|-------------------------|
| <b>Emp Name</b>   | Yash Trada           | <b>Salary</b>        | 10000                   |
| <b>Start Date</b> | 0000-00-00           | <b>Qualification</b> | PHD in computer science |
| <b>Cellphone</b>  | 9825377483           |                      |                         |
| <b>Email ID</b>   | yashtrada1@gmail.com |                      |                         |

**Description**

- An individual who works part-time or full-time under a contract of employment, whether oral or written, express or implied, and has recognized rights and duties. Also call

### Find a Donor

City :



## Change Your Password

The screenshot shows a web browser window with multiple tabs open. The active tab displays 'Change Your Password'. The page contains the following fields:

**Recipient ID :** [Input Field]      **Old Password :** [Input Field]

**New Password :** [Input Field]

**Retype New Password :** [Input Field]

**Submit** [Button]

**Find a Donor**

**City :** --- Select City ---

**Area :** --- Select Area ---

**Group :** --- Select Group ---

**Search** [Button]

**Donors' Details**

**Add A New Employee**

**Employees' Details**

**Reset Your Password**

**Logout**

Here is Some Blood Tips given which spread awareness among donor :

The screenshot shows a web browser window with the URL [localhost/dashboard/Bloodbank/Tipsonblooddonation.html](http://localhost/dashboard/Bloodbank/Tipsonblooddonation.html). The page content includes:

- A navigation bar with links: Register Free, Why Donate Blood?, Who Needs Blood?, Contact Us, Recipient Login, Employee Login.
- A section titled "Tips on Blood Donation" containing a numbered list of tips:
  1. Have a good meal at least 3 hours before donating blood.
  2. Accept the snacks offered to you after the donation, it is vital that you have them. You are recommended to have a good meal later.
  3. Avoid smoking on the day before donating. You can smoke 3 hours after donation.
  4. You will not be eligible to donate blood if you have consumed alcohol 48 hours before donation.
- A section titled "Misconceptions about donating blood" containing a numbered list of misconceptions:
  1. "I will feel drained and tired after donating" - You will not feel drained or tired if you continue to drink fluids and have a good meal.
  2. "I cannot resume normal activities" - You can resume all your normal activities, though you're asked to refrain.
  3. "I will have low blood" - If you are okayed to donate by the doctor you will still have surplus blood after the donation.
  4. "I can't take alcohol..." - You can on the next day.
  5. "It will be painful while donating" - No, you will not feel any pain.
  6. "I will feel dizzy and may faint" - You will not faint or feel uncomfortable after donating blood.
- A sidebar titled "Find a Donor" with dropdown menus for City, Area, and Group, and a "Search" button.
- Links for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation".
- A taskbar at the bottom with the date 12-05-2017 and time 18:44.

Here is given information about us :

The screenshot shows a web browser window with the URL [localhost/dashboard/Bloodbank/aboutus.html](http://localhost/dashboard/Bloodbank/aboutus.html). The page has a header with links for Register Free, Why Donate Blood?, Who Needs Blood?, Contact Us, Recipient Login, and Employee Login. The main content area is titled 'About Us' and contains a message from the students of VIT University Chennai Campus about their DBMS Project (Database Management Project). It also lists names and register numbers:

| Name                       | Register No. |
|----------------------------|--------------|
| Trada Yashkumar Rameshbhai | 16BCE1023    |
| T.Tarun                    | 16BCE1174    |
| Tanisha                    | 16BCE1357    |

To the right, there is a sidebar titled 'Find a Donor' with dropdown menus for City, Area, and Group, and a 'Search' button. Below it are sections for 'Donors' Speak', 'Blood Facts', and 'Tips on Blood Donation'. At the bottom, there are links for About Us, Feedback, FAQ, and Share Your Experience.

Here donor can give his / her Feedback :

The screenshot shows a web browser window with the URL [localhost/dashboard/Bloodbank/feedback.html](http://localhost/dashboard/Bloodbank/feedback.html). The layout is similar to the 'About Us' page, with a header and a main content area for feedback. The feedback section includes fields for Name, E-mail ID, and Suggestions / Feedback, along with a note asking for a valid e-mail ID. A 'Submit' button is at the bottom. To the right is a 'Find a Donor' sidebar and sections for 'Donors' Speak', 'Blood Facts', and 'Tips on Blood Donation'. At the bottom, there are links for About Us, Feedback, FAQ, and Share Your Experience.

## Here is Who needs Blood which spread awareness among donor :

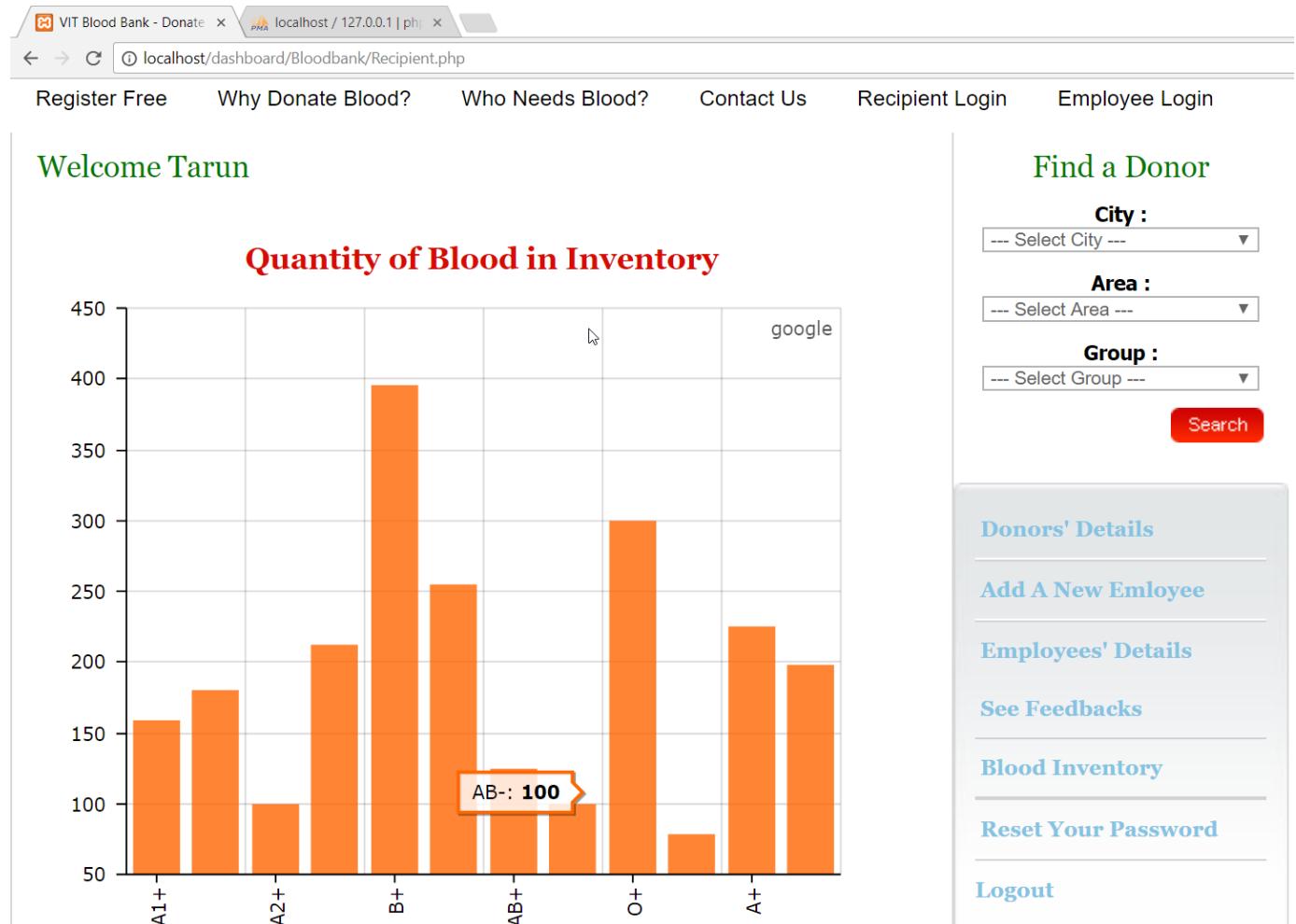
The screenshot shows a web browser window with multiple tabs open. The active tab is titled "localhost/dashboard/Bloodbank/Whoneedsblood.html". The page content includes a navigation bar with links for "Register Free", "Why Donate Blood?", "Who Needs Blood?", "Contact Us", "Recipient Login", and "Employee Login". The main content area is titled "Who Needs Blood?" and contains sections for "Who needs blood?", "When is blood needed?", and "Who can donate blood?". It also includes a note about blood storage and a link to requirements for donating blood. To the right, there is a sidebar titled "Find a Donor" with dropdown menus for City, Area, and Group, and a "Search" button. Below the sidebar are links for "Donors' Speak", "Blood Facts", and "Tips on Blood Donation". The browser's taskbar at the bottom shows various pinned icons.

## Donor Login

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "localhost/dashboard/Bloodbank/Donorlogin.html". The page content includes a navigation bar with links for "Register Free", "Why Donate Blood?", "Who Needs Blood?", "Contact Us", "Recipient Login", and "Employee Login". The main content area is titled "Donor Login" and contains input fields for "Donor ID" and "Password", along with a "Login" button. To the right, there is a sidebar titled "Find a Donor" with dropdown menus for City, Area, and Group, and a "Search" button. Below the sidebar are links for "Donor Login", "Donors' Speak", "Blood Facts", and "Tips on Blood Donation". The browser's taskbar at the bottom shows various pinned icons.

## After Updating Version 1

### Version 2



## Donors' Details

### Filter The Record :

- Don't Have Any Disease
- Last Donation Date Is Before 3 Months

**Filter**

Donor ID :7

Blood Group :A1+

|                   |                                  |           |                          |
|-------------------|----------------------------------|-----------|--------------------------|
| Name              | Belida Vikas                     | Mobile    | 9097645372               |
| Gender            | M                                | Residence | 2367854982               |
| Date_of_Birth     | 1998-03-05                       | Office    | 2908546738               |
| Location          | Mambakkam,Chennai                | Weight    | 60                       |
| Last Donated Date | 2017-04-04                       | Disease   | none                     |
| Certified         | <a href="#">View Certificate</a> | Verified  | <input type="checkbox"/> |
| Email ID          | vikasbelida65@gmail.com          |           |                          |

**Apply**

\*\*\*\*\*

VIT Blood Bank - Donate    localhost / 127.0.0.1 | phj

← → ⌂ ① localhost/dashboard/Bloodbank/Donorsdetails.php

Register Free    Why Donate Blood?    Who Needs Blood?    Contact Us    Recipient Login    Employee Login

## Donors' Details

### Filter The Record :

Don't Have Any Disease  
 Last Donation Date Is Before 3 Months

**Filter**

|                          |                                  |                  |            |
|--------------------------|----------------------------------|------------------|------------|
| <b>Donor ID :</b> 7      | <b>Blood Group :</b> A1+         |                  |            |
| <b>Name</b>              | Belida Vikas                     | <b>Mobile</b>    | 9097645372 |
| <b>Gender</b>            | M                                | <b>Residence</b> | 2367854982 |
| <b>Date_of_Birth</b>     | 1998-03-05                       | <b>Office</b>    | 2908546738 |
| <b>Location</b>          | Mambakkam,Chennai                | <b>Weight</b>    | 60         |
| <b>Last Donated Date</b> | 2017-04-04                       | <b>Disease</b>   | none       |
| <b>Certified</b>         | <a href="#">View Certificate</a> | <b>Verified</b>  | Yes        |
| <b>Email ID</b>          | vikasbelida65@gmail.com          |                  |            |

**Apply**

\*\*\*\*\*

VIT Blood Bank - Donate    localhost / 127.0.0.1 | ph

localhost/dashboard/Bloodbank/Donorsdetails.php

|                   |                                  |              |                          |
|-------------------|----------------------------------|--------------|--------------------------|
| Date_of_Birth     | 1986-08-06                       | Office       | U                        |
| Location          | Moolacheri,Chennai               | Weight       | 65                       |
| Last Donated Date | 0000-00-00                       | Disease      | none                     |
| Certified         | <a href="#">View Certificate</a> | Verified     | <input type="checkbox"/> |
| Email ID          | vishal@gmail.com                 | <b>Apply</b> |                          |

---

Donor ID :98                      Blood Group :O+

|                   |                                  |              |                          |
|-------------------|----------------------------------|--------------|--------------------------|
| Name              | Yash Rameshbhai                  | Mobile       | 1234688                  |
| Gender            | M                                | Residence    | 0                        |
| Date_of_Birth     | 1987-11-11                       | Office       | 0                        |
| Location          | Kelambakkam,Chennai              | Weight       | 55                       |
| Last Donated Date | 2004-10-14                       | Disease      | none                     |
| Certified         | <a href="#">View Certificate</a> | Verified     | <input type="checkbox"/> |
| Email ID          | yya@gmail.com                    | <b>Apply</b> |                          |

---

localhost/dashboard/Bloodbank/viewcertificate.php?donor\_id=98

Type here to search    6:11 AM    10/28/2017

viewcertificate.php (3120)    localhost / 127.0.0.1 | ph

localhost/dashboard/Bloodbank/viewcertificate.php?donor\_id=98



**VIT<sup>®</sup>**  
UNIVERSITY  
(Aut. u/s 3 of UGC Act 1956)  
[www.vit.ac.in](http://www.vit.ac.in)  
Vellore • Chennai

CHENNAI CAMPUS

Date:10/10/2017

**CERTIFICATE**

It is certified that Mr. TRADA YASHKUMAR RAMESHBHAI Enrollment No. 16BCE1023 is studying in COMPUTER SCIENCE AND ENGINEERING (B.Tech) course of our institute after taking admission in first year during academic year 2016-17. Mr. TRADA YASHKUMAR RAMESHBHAI has got Rs. 67000 scholarship under 'Mukhyamantri Yuva Swavlamban Yojana' during year 2016-17. There is no serious disciplinary action against Mr. TRADA YASHKUMAR RAMESHBHAI as per the educational institute regulations or moral grounds & have 75% or more attendance during year 2016-17. Moreover Mr. TRADA YASHKUMAR RAMESHBHAI is not given/receiving any other scholarship as per institute records.

Mr. TRADA YASHKUMAR RAMESHBHAI have passed first year exam with 84.5% obtaining

Type here to search    6:11 AM    10/28/2017

VIT Blood Bank - Donate x localhost / 127.0.0.1 | ph x

localhost/dashboard/Bloodbank/Registerfree.html

|   |  |                                 |
|---|--|---------------------------------|
| <p>Office: <input type="text"/></p> <p>Note: Please provide at least one contact number. But it is recommended to provide as many contact numbers as possible because it will be easier for the recipients to contact you in times of emergency. Remember a life may be depending on you!</p> <p>Email Alert : <input checked="" type="checkbox"/></p> <p>You will receive an alert on your Email when there is a request for your blood type within your city.</p> <p><b>City*:</b> <input type="text"/> Select City</p> <p><b>Area*:</b> <input type="text"/> Select Area</p> <p>How often have you donated blood in the past? <input type="text"/> Yet to donate</p> | <p>you could provide us your personal e-mail ID besides your corporate e-mail ID. You can always be reached to save a life!</p> <p><b>Date of last blood donation :</b> <input type="text"/> DD <input type="text"/> MM <input type="text"/> YYYY <input type="text"/><br/>(optional)</p> <p><b>Upload Your Medical Certificate</b></p> <p><b>Choose File</b> No file chosen</p> <p>Donor ID <input type="text"/></p> <p>Password <input type="password"/></p> | <h3>Tips on Blood Donation</h3> |
|---|--|---------------------------------|

VIT Blood Bank - Donate x localhost / 127.0.0.1 | ph x

localhost/dashboard/Bloodbank/seefeedback.php

Register Free Why Donate Blood? Who Needs Blood? Contact Us Recipient Login Employee Login

**Feedbacks**

yash  
I like your website. I like your website.

bhavintrada535@gmail.com

Dr. jenila  
Very Good Website  
jenila@gmail.com

yash  
feedbackfeedbackfeedback I like your website. I like your website.

**Find a Donor**

City :  --- Select City ---

Area :  --- Select Area ---

Group :  --- Select Group ---

**Search**

**Donor Login**

**Donors' Speak**

**Blood Facts**

**Tips on Blood Donation**

VIT Blood Bank - Donate × localhost / 127.0.0.1 | ph ×

localhost/dashboard/Bloodbank/BloodInventory.php

Register Free Why Donate Blood? Who Needs Blood? Contact Us Recipient Login Employee Login

## Blood Inventory

**Whole Chart**

**Whole Table**

**Change Quantity**

**Send Request To Donor**

**Find a Donor**

City :

Area :

Group :

**Search**

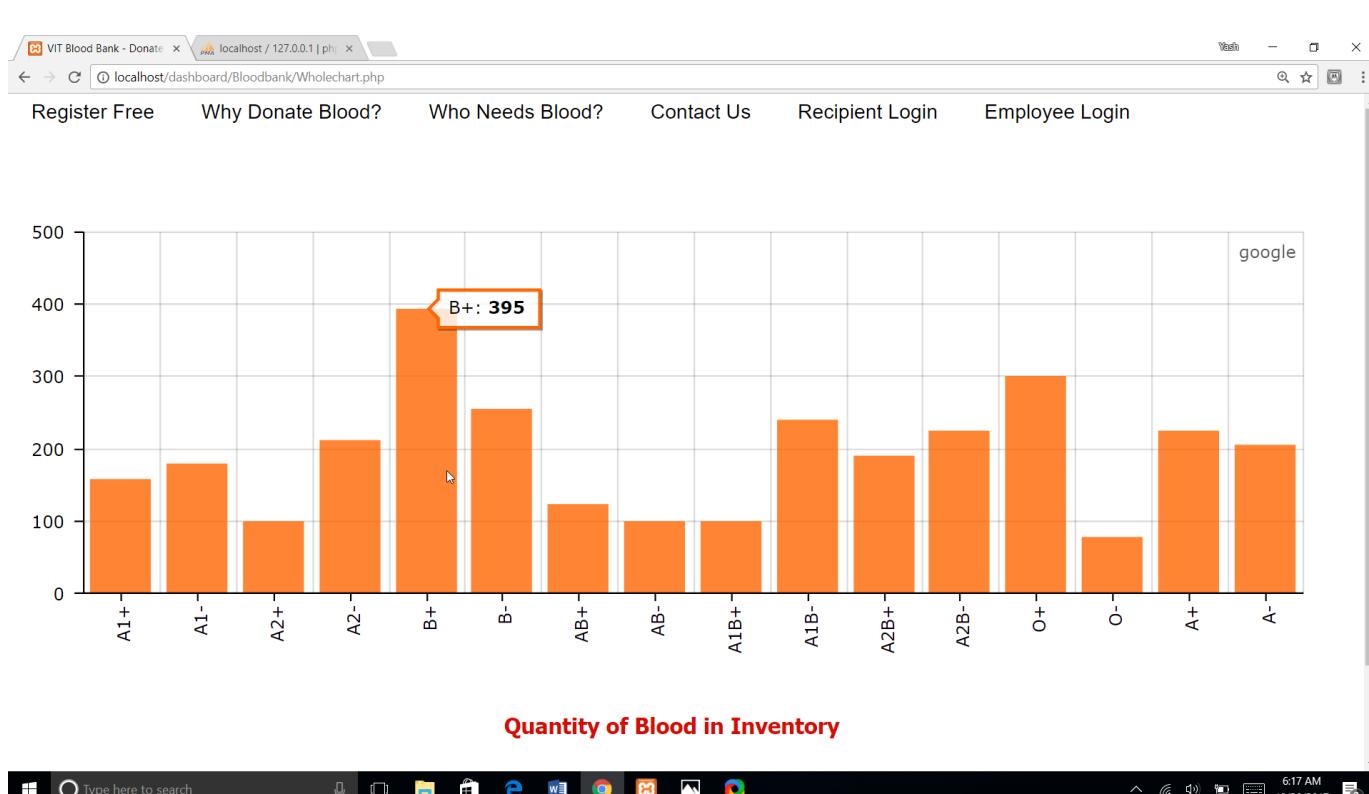
**Donor Login**

**Donors' Speak**

**Blood Facts**

**Tips on Blood Donation**

6:14 AM 10/28/2017



VIT Blood Bank - Donate × localhost / 127.0.0.1 | ph ×

← → C localhost/dashboard/Bloodbank/wholetable.php

Register Free Why Donate Blood? Who Needs Blood? Contact Us Recipient Login Employee Login

**Quantity of Blood in Inventory**

| Blood Group | Quantity of Blood in L | Blood Group | Quantity of Blood in L |
|-------------|------------------------|-------------|------------------------|
| A1+         | 159                    | A1-         | 180                    |
| A2+         | 100                    | A2-         | 100                    |
| B+          | 395                    | B-          | 255                    |
| A1B+        | 100                    | A1B-        | 240                    |
| A2B+        | 191                    | A2B-        | 226                    |
| AB+         | 124                    | AB-         | 100                    |
| O+          | 300                    | O-          | 78                     |
| A+          | 225                    | A-          | 198                    |

 Go Back

Type here to search 6:18 AM 10/28/2017

VIT Blood Bank - Donate × localhost / 127.0.0.1 | ph ×

← → C localhost/dashboard/Bloodbank/changeQuantity.php

Register Free Why Donate Blood? Who Needs Blood? Contact Us Recipient Login Employee Login

**Change Quantity of Blood n Inventory**

| Blood Group | Available Quantity of Blood | Change Quantity   |
|-------------|-----------------------------|---|
| A1+         | 159                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| A1-         | 180                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| A2+         | 100                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| A2-         | 212                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| B+          | 395                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| B-          | 255                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| A1B+        | 100                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |
| AB+         | 240                         | <input type="button" value="Sub"/> <input type="button" value="Add"/> |

Type here to search 6:18 AM 10/28/2017

## Phpmyadmin :

The screenshot shows the phpMyAdmin configuration page for Server 127.0.0.1. It includes sections for General settings, Appearance settings, Database server, Web server, and phpMyAdmin version information.

**General settings:** Server connection collation: utf8mb4\_unicode\_ci

**Appearance settings:** Language: English, Theme: pmahomme, Font size: 82%

**Database server:**

- Server: 127.0.0.1 via TCP/IP
- Server type: MariaDB
- Server version: 10.1.19-MariaDB - mariadb.org binary distribution
- Protocol version: 10
- User: root@localhost
- Server charset: UTF-8 Unicode (utf8)

**Web server:**

- Apache/2.4.23 (Win32) OpenSSL/1.0.2h PHP/5.6.28
- Database client version: libmysql - mysqld 5.0.11-dev - 20120503 - \$Id: 76b08b24596e12d4553bd41fc93cccd5bac2fe7a \$
- PHP extension: mysqli
- PHP version: 5.6.28

**phpMyAdmin:**

- Version information: 4.5.1, latest stable version: 4.7.0
- Documentation
- Wiki
- Official Homepage

## Blood Bank Database :

The screenshot shows the phpMyAdmin interface for the bloodbank database. It displays the structure of various tables and provides options for creating new tables.

**Tables in bloodbank:**

| Table           | Action   | Rows | Type   | Collation         | Size    | Overhead |
|-----------------|--|------|--------|-------------------|---------|----------|
| blood           | Browse  Structure  Search  Insert  Empty  Drop | 0    | InnoDB | latin1_swedish_ci | 32 Kib  | -        |
| blood_inventory | Browse  Structure  Search  Insert  Empty  Drop | 0    | InnoDB | latin1_swedish_ci | 32 Kib  | -        |
| donor           | Browse  Structure  Search  Insert  Empty  Drop | 50   | InnoDB | latin1_swedish_ci | 32 Kib  | -        |
| employee        | Browse  Structure  Search  Insert  Empty  Drop | 1    | InnoDB | latin1_swedish_ci | 64 Kib  | -        |
| feedback        | Browse  Structure  Search  Insert  Empty  Drop | 2    | InnoDB | latin1_swedish_ci | 16 Kib  | -        |
| recipient       | Browse  Structure  Search  Insert  Empty  Drop | 1    | InnoDB | latin1_swedish_ci | 16 Kib  | -        |
| recipients      | Browse  Structure  Search  Insert  Empty  Drop | 1    | InnoDB | latin1_swedish_ci | 16 Kib  | -        |
| shareyouexp     | Browse  Structure  Search  Insert  Empty  Drop | 1    | InnoDB | latin1_swedish_ci | 16 Kib  | -        |
| 8 tables        | Sum  | 56   | InnoDB | latin1_swedish_ci | 224 Kib | 0 B      |

**Create table:** Name: [ ] Number of columns: 4

# Donor MODULE

The screenshot shows the phpMyAdmin interface for the 'bloodbank' database. The 'donor' table is selected, displaying 25 rows of data. The columns are: Donor\_ID, Donor\_name, Date\_of\_Donation, Gender, Weight, blood\_group, Date\_Of\_Birth, Any\_disease, and Donor\_Cancer. The data includes various donor details such as Belida Vikas, Vivek Pollama Reddy, Sreekanth Reddy, etc.

| Donor_ID | Donor_name          | Date_of_Donation | Gender | Weight | blood_group | Date_Of_Birth | Any_disease           | Donor_Cancer |
|----------|---------------------|------------------|--------|--------|-------------|---------------|-----------------------|--------------|
| 7        | Belida Vikas        | 2017-04-04       | M      | 60     | A1+         | 1998-03-05    | vika                  |              |
| 8        | Vivek Pollama Reddy | 2017-04-01       | M      | 70     | A1+         | 1982-02-14    | Hepatitis B , vive    |              |
| 9        | Sreekanth Reddy     | 2017-03-31       | M      | 63     | A1+         | 1992-09-24    | Hepatitis B , sree    |              |
| 10       | Shashank Pandey     | 2017-04-12       | M      | 65     | A1-         | 1997-07-11    | shash                 |              |
| 11       | Shyam Kaliyara      | 2017-04-14       | M      | 64     | A1-         | 1998-01-10    | kala                  |              |
| 14       | Bhagyan Kumar       | 2017-03-19       | M      | 55     | A1-         | 1997-12-29    | Cancer , bha          |              |
| 15       | Mayank Thakur       | 2017-04-01       | M      | 52     | A2+         | 1993-08-05    | thak                  |              |
| 16       | Nihal Rao           | 2017-03-01       | M      | 58     | A2+         | 1995-08-18    | nihe                  |              |
| 17       | Srijit Gosh         | 2017-03-07       | M      | 59     | A2+         | 1998-09-07    | Kidney disease srijil |              |
| 18       | Sourav Singh        | 2017-04-08       | M      | 62     | A2-         | 1997-10-20    | Cancer , ss3          |              |
| 19       | Pareet Pukit        | 2017-02-14       | M      | 54     | A2-         | 1997-05-15    | Kidney disease pare   |              |

The screenshot shows the phpMyAdmin interface for the 'bloodbank' database. The 'donor' table is selected, displaying 32 rows of data. The columns are: Donor\_ID, Donor\_name, Date\_of\_Donation, Gender, Weight, blood\_group, Date\_Of\_Birth, Any\_disease, and Donor\_Cancer. The data includes various donor details such as Pareet Pukit, Nanda Kishore, Jayachand Rao, etc.

| Donor_ID | Donor_name      | Date_of_Donation | Gender | Weight | blood_group | Date_Of_Birth | Any_disease         | Donor_Cancer |
|----------|-----------------|------------------|--------|--------|-------------|---------------|---------------------|--------------|
| 19       | Pareet Pukit    | 2017-02-14       | M      | 54     | A2-         | 1997-05-15    | Kidney disease pare |              |
| 20       | Nanda Kishore   | 2017-04-10       | M      | 55     | B+          | 1996-01-16    | kish                |              |
| 21       | Jayachand Rao   | 2017-01-18       | M      | 54     | B+          | 1997-11-13    | jaye                |              |
| 22       | Ashutosh Kumar  | 2017-03-19       | M      | 61     | B-          | 1997-11-13    | ak2                 |              |
| 23       | Shankar Suman   | 2017-03-11       | M      | 51     | B-          | 1998-06-04    | sha                 |              |
| 24       | Anil Tekuri     | 2017-04-14       | M      | 51     | A1B+        | 1998-09-12    | teku                |              |
| 25       | T Tarun         | 2017-04-15       | M      | 59     | A1B+        | 1997-08-11    | ttar                |              |
| 26       | Gaurav Jurani   | 2017-01-15       | M      | 58     | A1B-        | 1990-06-12    | Kidney disease jura |              |
| 27       | Rajdeep Singh   | 2017-01-26       | M      | 64     | A1B-        | 1989-05-10    | rajd                |              |
| 28       | Shashi Shekar   | 2016-12-29       | M      | 66     | A2B+        | 1994-12-13    | Heart disease , sha |              |
| 29       | Kumar Rao       | 2017-02-19       | M      | 57     | A2B+        | 1998-07-16    | kum                 |              |
| 30       | Mritunjay Singh | 2017-04-07       | M      | 54     | A2B-        | 1997-06-11    | mrit                |              |
| 31       | Aamir           | 2017-04-11       | M      | 58     | A2B-        | 1997-08-12    | aam                 |              |
| 32       | Adarsh Dubey    | 2017-03-08       | M      | 62     | AB+         | 1997-10-16    | dub                 |              |

# Employee MODULE

The screenshot shows the phpMyAdmin interface for a database named 'bloodbank'. The left sidebar lists various tables: New, bloodbank, New, blood, blood\_inventory, donor, employee (which is selected), feedback, recipient, recipients, shareyourexp, information\_schema, mysql, performance\_schema, phpmyadmin, temp, and test. The main panel displays the 'employee' table with one row of data. The SQL query at the top is:

```
SELECT * FROM `employee`
```

The table has the following columns and data:

|  | EmpName    | EmpSalary | Emp_description                                       | EmpID | password | Emp_cellphone | Emp_qualification       | Emp_emailId    |
|--|------------|-----------|---|-------|----------|---------------|-------------------------|----------------|
|  | Yash Trada | 10000     | An individual who works part-time or full-time und... | Emp01 | yash0535 | 9825377483    | PHD in computer science | yashtrada1@... |

Below the table, there are buttons for Edit, Copy, Delete, and Export. The status bar at the bottom right shows the date and time: 12-05-2017 19:26.

# Recipient MODULE

The screenshot shows the phpMyAdmin interface for a MySQL database named 'bloodbank'. The left sidebar lists various tables: New, bloodbank, New, blood, blood\_inventory, donor, employee, feedback, recipient, recipients, shareyourexp, information\_schema, mysql, performance\_schema, phpmyadmin, temp, and test. The 'recipient' table is selected in the center pane. A green status bar at the top indicates 'Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)'. Below it, a SQL query 'SELECT \* FROM `recipient`' is displayed with options to edit inline, explain SQL, create PHP code, or refresh. The main area shows a single row of data:

| Recipient_ID | password | Recipient_Name | Income |
|--------------|----------|----------------|--------|
| R001         | tarun    | Tarun          | 10000  |

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', and 'Export'. Further down, under 'Query results operations', are links for 'Print view', 'Export', 'Display chart', and 'Create view'. At the bottom of the interface, there is a 'Console' section and a taskbar with various icons.

# Share your experience Structure

The screenshot shows the phpMyAdmin interface for a MySQL database named 'bloodbank'. The left sidebar lists databases: New, bloodbank, information\_schema, mysql, performance\_schema, phpmyadmin, temp, and test. Under 'bloodbank', there are tables: New, blood, blood\_inventory, donor, employee, feedback, recipient, recipients, and shareyourex. The 'shareyourex' table is selected, and its structure is displayed in the main pane.

**Table structure** for Table: shareyourex

| # | Name       | Type         | Collation | Attributes | Null | Default | Extra | Action  |
|---|------------|--------------|-----------|------------|------|---------|-------|---|
| 1 | Name       | varchar(20)  |           |            | No   | None    |       | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Spatial</a> <a href="#">More</a> |
| 2 | Email_ID   | varchar(40)  |           |            | No   | None    |       | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Spatial</a> <a href="#">More</a> |
| 3 | Experience | varchar(200) |           |            | No   | None    |       | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Spatial</a> <a href="#">More</a> |

With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Add to central columns](#)

[Remove from central columns](#)

[Print view](#) [Propose table structure](#) [Track table](#) [Move columns](#) [Improve table structure](#)

Add 1 column(s) after Experience [Go](#)

**Information**

| Space usage |        | Row statistics |                          |
|-------------|--------|----------------|--------------------------|
| Data        | 16 KiB | Format         | Compact                  |
| Index       | 0 B    | Collation      | latin1_swedish_ci        |
| Total       | 16 KiB | Creation       | Apr 14, 2017 at 07:25 PM |

# Feedback Structure

The screenshot shows the phpMyAdmin interface for a MySQL database named 'bloodbank'. The 'feedback' table is selected for viewing. The table structure is as follows:

| # | Name     | Type         | Collation | Attributes | Null | Default | Extra | Action  |
|---|----------|--------------|-----------|------------|------|---------|-------|---|
| 1 | Name     | varchar(20)  |           |            | No   | None    |       | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Spatial</a> <a href="#">More</a> |
| 2 | Email_ID | varchar(40)  |           |            | No   | None    |       | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Spatial</a> <a href="#">More</a> |
| 3 | feedback | varchar(200) |           |            | No   | None    |       | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Spatial</a> <a href="#">More</a> |

Below the table structure, there are buttons for 'Check all', 'With selected:', 'Print view', 'Propose table structure', 'Track table', 'Move columns', and 'Improve table structure'. A 'Go' button is also present. The 'Information' section displays the following statistics:

| Space usage |        | Row statistics |                          |
|-------------|--------|----------------|--------------------------|
| Data        | 16 KiB | Format         | Compact                  |
| Index       | 0 B    | Collation      | latin1_swedish_ci        |
| Total       | 16 KiB | Creation       | Apr 14, 2017 at 07:55 PM |

The left sidebar shows the database schema with tables like bloodbank, blood, blood\_inventory, donor, employee, feedback, recipient, recipients, shareyouexp, information\_schema, mysql, performance\_schema, and phpmyadmin.

Thank You!