

Blood Bank Management System

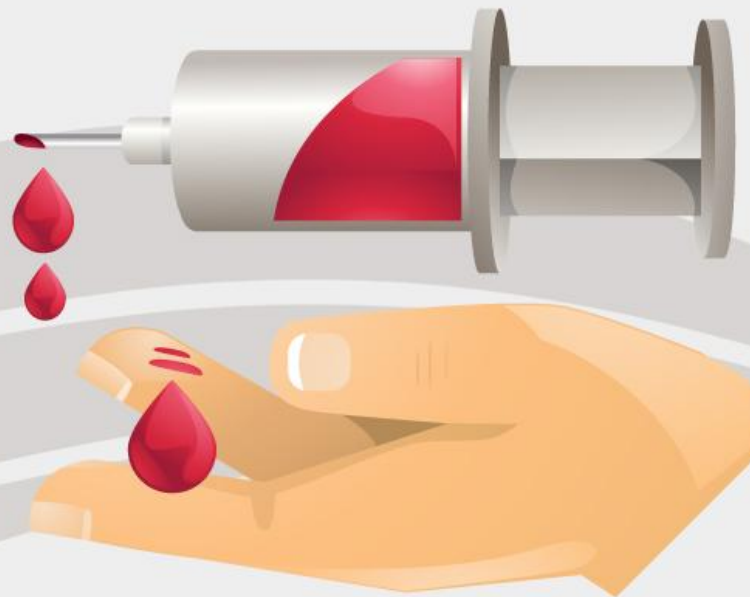
Cloud Computing Mini Project

Made By-

Vanshika Bhavnani- 03

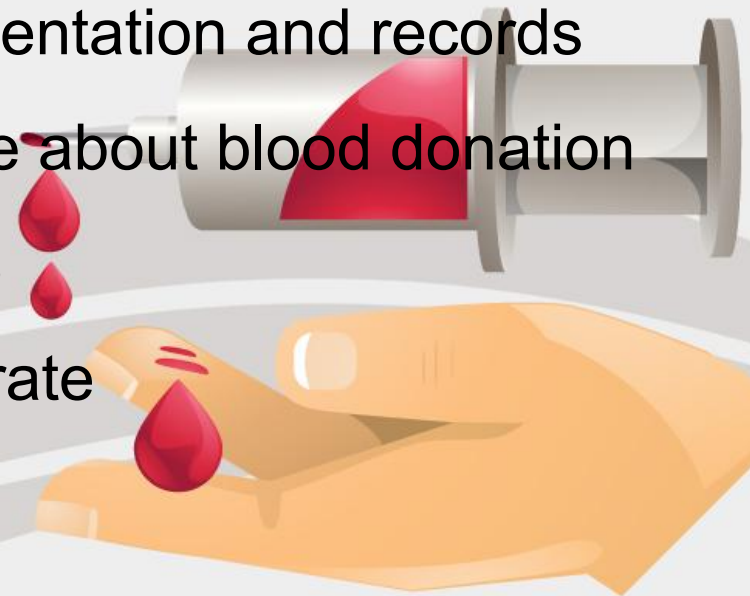
Gunjan Bhawsinghka- 04

Jaishree Golani- 18



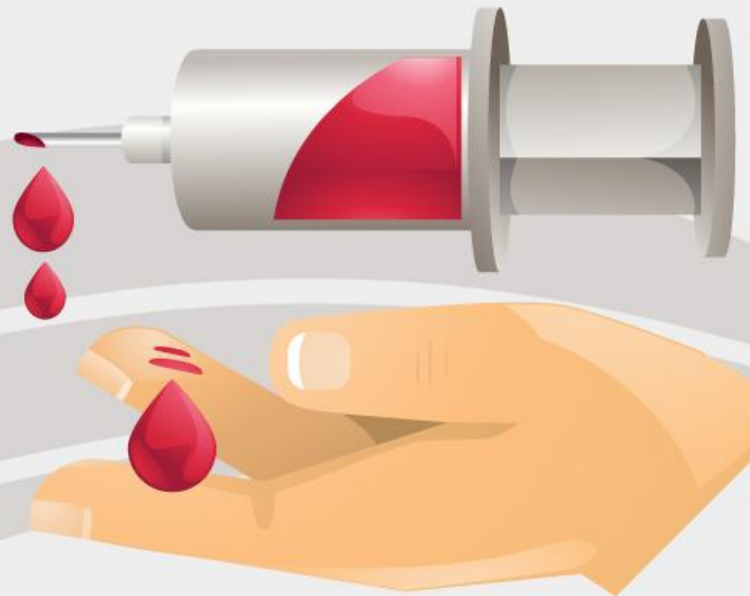
Problem Statement

- Aim to save the lives of people by providing blood
- Most blood banks are still running manual system in its processes
- Lack of efficiency in paper-based information collected
- Maintaining blood donors' documentation and records
- Spread awareness among people about blood donation
- Managing donors and requesters
- Procedures will be fast and accurate

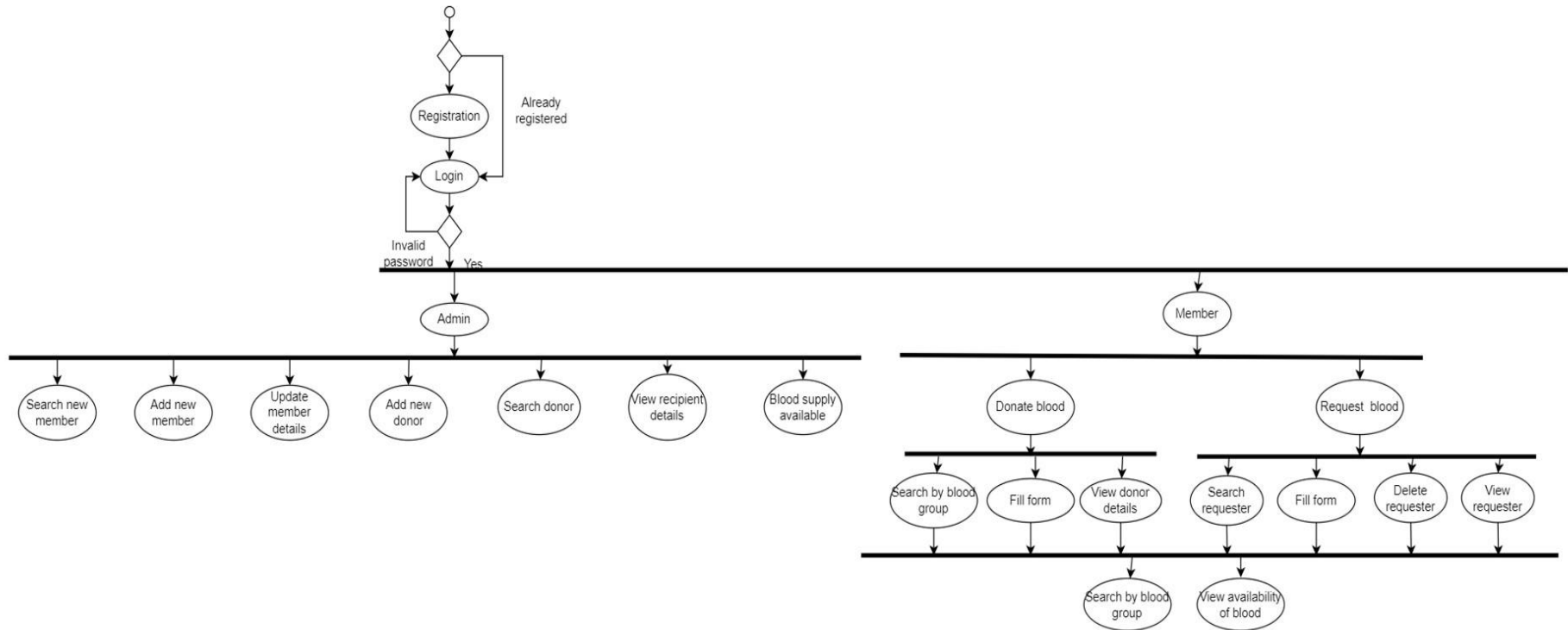


Users of the System

- Admin
- Member
 - Donor
 - Requester

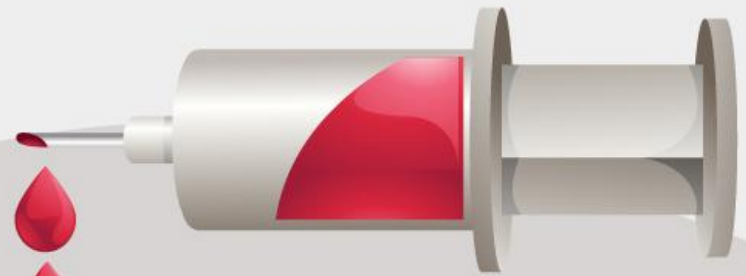


Architecture Diagram



Tools Used

- HTML
- CSS
- Javascript
- PHP
- AWS- Hosting
 - Lightsail
 - Putty



Functionality

- Register Page

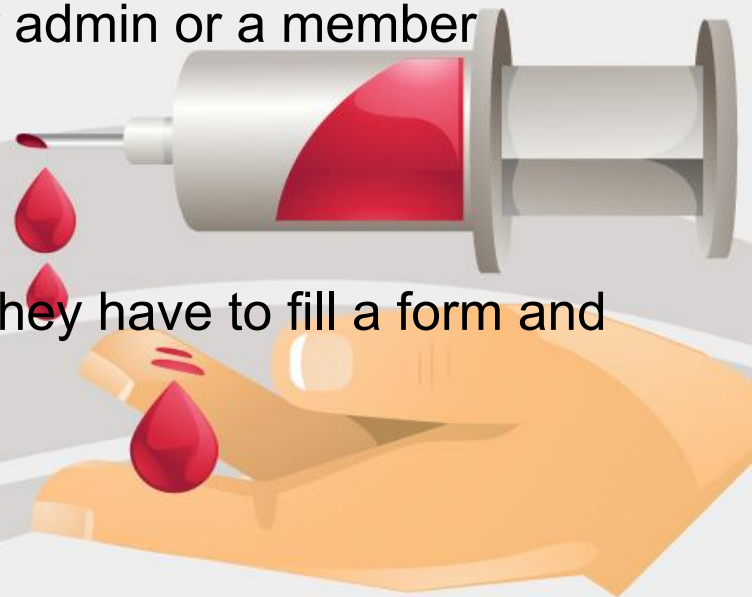
User will have to register themselves in order to access the website and it's other functionalities

- Login Page

After registration, user can login as either admin or a member

- Request for blood

Member can request for blood for which they have to fill a form and later view the details and search from the list of requesters and also delete the request if they want



Functionality

- Donate blood

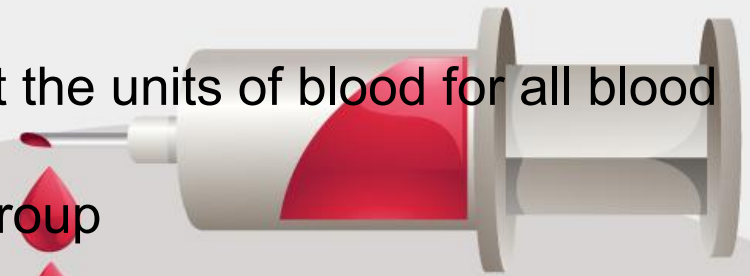
Member can donate blood for which they have to fill the form and then members can view donors based on their respective blood group and also the details of respective donors

- Check Availability of blood

Members and admins both can check out the units of blood for all blood groups available and also search for units of a specific blood group

- Active and Non-active donors

Admins can segregate donors into active and non-active where active donors are the ones whose blood is used frequently



GUI Screenshot

AWS Lightsail Instance



LAMP_PHP_7-1

512 MB RAM, 1 vCPU, 20 GB SSD

LAMP (PHP 7)

Mumbai, Zone A (ap-south-1a)

Stop

Reboot

Status: **Running**

Public IP: **3.111.197.83**

Private IP: 172.26.14.10

Public IPv6: 2406:da1a:d44:9700:8d7c:7c68:b6de:c79f

[Learn more about IPv6](#)

Connect

Storage

Metrics

Networking

Snapshots

Tags

History

Delete

Connect to your instance [?](#)

You can connect using your browser, or your own compatible SSH client.

Use your browser

Connect using our browser-based SSH client

Connect using SSH

GUI Screenshot

Login page

SAVIOUR

Login to your account



☐ Remember me

LOGIN

 [Not A Member?](#)

WELCOME TO BLOOD BANK SYSTEM

Vanshika Bhavnani D17B-03,
Jaishree Golani D17B-18,
Gunjan Bhawsignhka D17B-04.

Request blood page

The screenshot shows a web browser window with the following details:

- Browser Tabs:** Welcome To User Dashboard, CC MINI PROJ.pptx - Google Slides, New tab.
- Address Bar:** Not secure | 3.111.197.83/Blood-Bank-Management-System/blood_bank/user_dashboard/request.php
- Page Header:** Search dashboard... (Go button), gunjan (dropdown menu)
- Left Sidebar:** Dashboard, Request (active), Donate
- Main Content Area:**
 - Greeting: Hello, **gunjan** Listed Requester.
 - Button: Request For Blood
 - Filter: Show 10 entries
 - Search: [Search bar]
 - Table with 6 columns: Name, Gender, Phone, Hospital, Image, Action.
 - Table Data: Gunjan Bhawsinghka, female, 9819982527, MGM, [Image], [Delete button]
 - Footer: Showing 1 to 1 of 1 entries, Previous, 1, Next

The Windows taskbar at the bottom shows the time as 8:09 AM on 3/24/2022.

Name	Gender	Phone	Hospital	Image	Action
Gunjan Bhawsinghka	female	9819982527	MGM		<button>Delete</button>

Donate blood page

Welcome To User Dashboard x CC MINI PROJ.pptx - Google Slides x New tab x

← → ↻ ⚠ Not secure | 3.111.197.83/Blood-Bank-Management-System/blood_bank/user_dashboard/donor.php ☆ ☆ 🔒 👤 ...

⬅ Search dashboard... Go gunjan ▾

🏠 Dashboard
</> Request
📊 **Donate**

Hello, **gunjan** Listed Donor.

Donate Blood

Recent Donors

All Groups A+ B+ AB+ O+

All Donors

nizam ▾ × View More Info	Shakti ▾ × View More Info	Sanjay ▾ × View More Info
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Windows Type here to search 8:14 AM 3/24/2022

View donor profile

The screenshot shows a web browser window with multiple tabs. The active tab is titled 'CC MINI PROJ.pptx - Google Slid'. The address bar shows the URL '3.111.197.83/Blood-Bank-Management-System/blood_bank/user_dashboard/donor.php'. The browser's security status is 'Not secure'. The web application has a dark sidebar with navigation links: 'Dashboard', 'Request', and 'Donate'. The main content area displays a modal titled 'View Jaishree Golani's Details'. The modal contains the following information:

Jaishree Golani
Sanjay
female
2/12/2000
65 kg
jaishreegolai@gmail.com
Karnataka
Bengaluru
9817728459
Sai Plaza, Sector-10, Plot no-23
super admin

The background of the web application shows a greeting 'Hello, g...', a 'Donate Blood' button, and sections for 'Recent I...' and 'All Dono...'. The Windows taskbar at the bottom shows the time as 8:14 AM on 3/24/2022.

Admin dashboard

Welcome To Admin Dashboard x CC MINI PROJ.pptx - Google Slides x New tab x

Not secure | 3.111.197.83/Blood-Bank-Management-System/blood_bank/admin_dasboard/admin_dashboard.php

Search dashboard... Go

super admin

Dashboard

State

City

Members

Non Active Donors

Active Donors

Weekly Overview

Recipient Details

Requester id	Name	Gender	Blood group	Hospital name	Email	Contact	Reason
7	Gunjan Bhawsinghka	female	b+	MGM	gunjan@gmail.com	9819982527	

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View members in admin

Welcome To Admin Dashboard x CC MINI PROJ.pptx - Google Slides x New tab x

Not secure | 3.111.197.83/Blood-Bank-Management-System/blood_bank/admin_dashboard/members.php

Search dashboard... Go

super admin

Dashboard

State

City

Members

Non Active Donors

Active Donors

Hello, **super admin** Manage Members Here.

Add new

Show 10 entries

Search:

Name	UserName	Password	Usertype	Action
admin	super admin	admin	admin	Delete Edit
Gunjan Bhawsinghka	gunjan	gunjan	user	Delete Edit
Monica	monica	monica	user	Delete Edit
priya rajpal	priya	priya	user	Delete Edit
Raju Yadav	raju	raju	user	Delete Edit
Raju Yadav	raju	raju	user	Delete Edit

Type here to search

8:15 AM 3/24/2022

View non-active donors

Welcome To Admin Dashboard x CC MINI PROJ.pptx - Google Slides x New tab x

← → ↻ ⚠ Not secure | 3.111.197.83/Blood-Bank-Management-System/blood_bank/admin_dashboard/donor.php ☆ ⚙ 🔖 👤 ...




⏪ Search dashboard... Go super admin ▾

- Dashboard
- State
- City
- Members
- Non Active Donors**
- Active Donors

Hello, **super admin** Manage Donors Here.

[Add new](#)

Show **10** entries Search:

Name	Gender	Phone	By	Image	Action
Guru	Male	8917726338	gurushakti		Delete Active
Jaishree Golani	female	Sai Plaza, Sector-10, Plot no-23	super admin		Delete Active
nizam	male	7837466619	super admin		Delete Activated

Showing 1 to 3 of 3 entries Previous **1** Next

Windows Type here to search 8:16 AM 3/24/2022

View active donors

Browser tabs: Welcome To Admin Dashboard, CC MINI PROJ.pptx - Google Slides, New tab

Address bar: 3.111.197.83/Blood-Bank-Management-System/blood_bank/admin_dashboard/active_donors.php

Search dashboard... Go

super admin

Dashboard

State

City

Members


Non Active Donors

Active Donors

Hello, **super admin** Manage Donors Here.

Show 10 entries

Search:

Name	Gender	Phone	By	Image	Action
nizam	male	7837466619	super admin		Delete

Showing 1 to 1 of 1 entries

Previous 1 Next

Conclusion

- The main aim of this project is to manage the blood bank system efficiently.
- It is available 24x7 as it is hosted on AWS.
- All details are managed online and can be managed by admin.
- Ensures hassle free procedures.

