



**SINHGAD INSTITUTE OF TECHNOLOGY LONAVALA
SAVITRIBAI PHULE PUNE UNIVERSITY**

**A
PROJECT REPORT
ON**

“Life Bridge”

**SUBMITTED IN FULFILLMENT FOR SUBMISSION
OF**

Skill Development Lab

SUBMITTED BY

Vivek Yadav TE B 72



DEPARTMENT OF COMPUTER ENGINEERING

Sinhgad Institute of Technology, Kusgaon, Lonavala

Savitribai Phule Pune University



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CERTIFICATE

This is certified that the Mini Project Entitled

“Life Bridge”

SUBMITTED BY

Vivek Yadav TE B 72

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Subject Teacher

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HOD Computer Engineering

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Principal

Introduction

Project Title: Life Bridge

Life Bridge is online web based project. Today you can connect with anything through internet services. So online platform is the best choice for our project. The project aims at serving for human welfare.

The project Life Bridge focuses on efficient delivery of blood packets.

The main aim of the project relies on efficient transaction of blood packets between Hospitals and Blood banks while connecting with the user at both the ends. This result in a three-way communication between the Blood Bank Hospital and the User.

The project in the form of a User friendly website is an efficient way of communication.

The hospitals and the blood banks uses a common database which store information regarding the blood packets,

So life bridge aims to build a better interface between donors and those in need of blood.

Objective

The intend of building the software is to format the procedure of blood donation and transfer of blood packets.

The main objective relies in the fact that Hospitals should receive at most attention and care for smooth functioning of various components of the service.

Blood Bank should maintain adequate bloodstock and should make optimal use of available blood packets. It should provide blood packets which are as safe as possible and adequate to meet the patients need in the least amount of time. Here the blood bank serves as the backbone for hospitals supporting in the time of need trying to meet the requirements at the most important time of need.

Thus such reducing the extra time in manual procedure Life Bridge promises to speedy delivery of the assets.

Motivation

The world of Internet has changed the pace at which the world normally used to work and now we can have access to multiple systems at a click or a touch of a screen.

So why not some human sensitive topics should be a beneficiary from this,

While going to have knowledge regarding some human welfare topic. It also contributes through reducing the manpower required to maintain the records offline which also lead to a delay in the service.

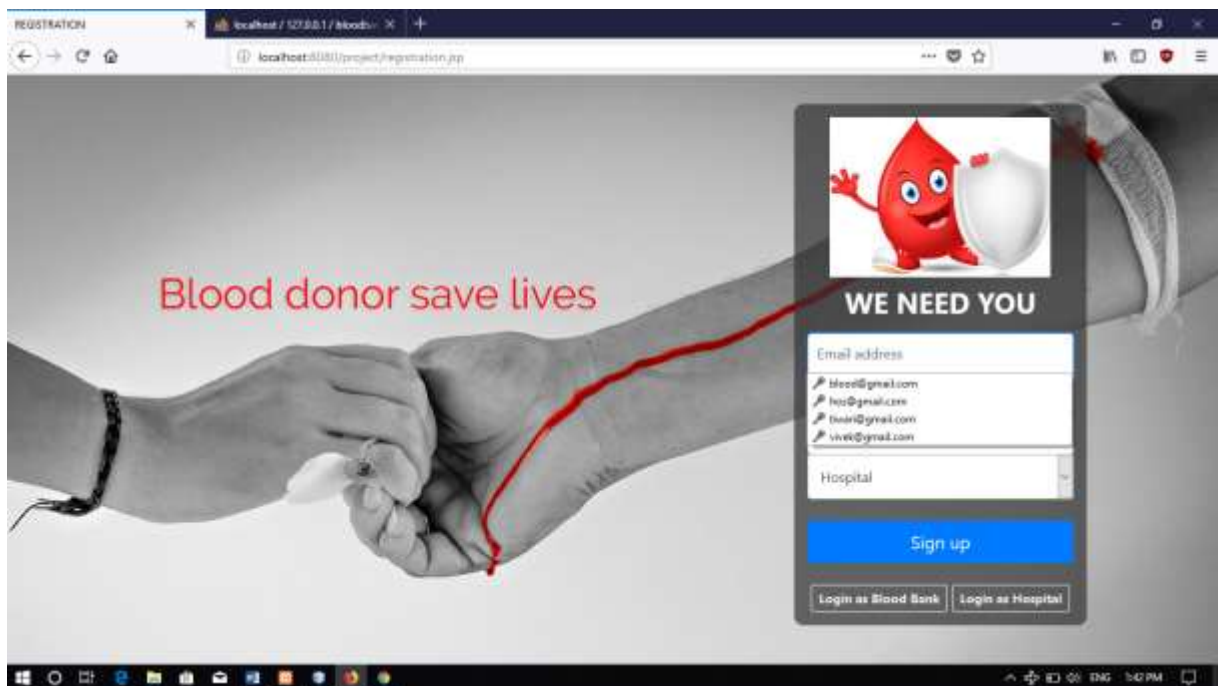
It also focuses at maintaining the accuracy integrity and consistency of the data.

Product Function:

Home page



Registration page



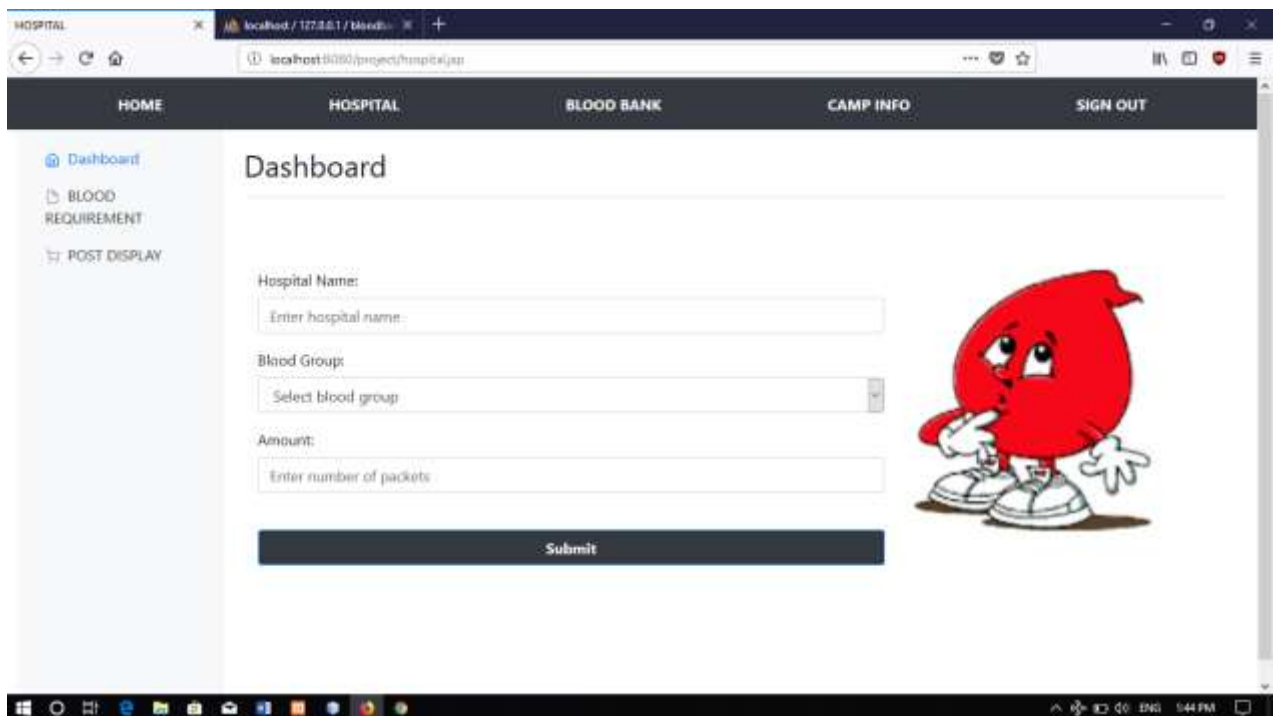
1.Hospital:

The hospitals main function includes placing the request for blood packets through efficient interaction mechanism provided.

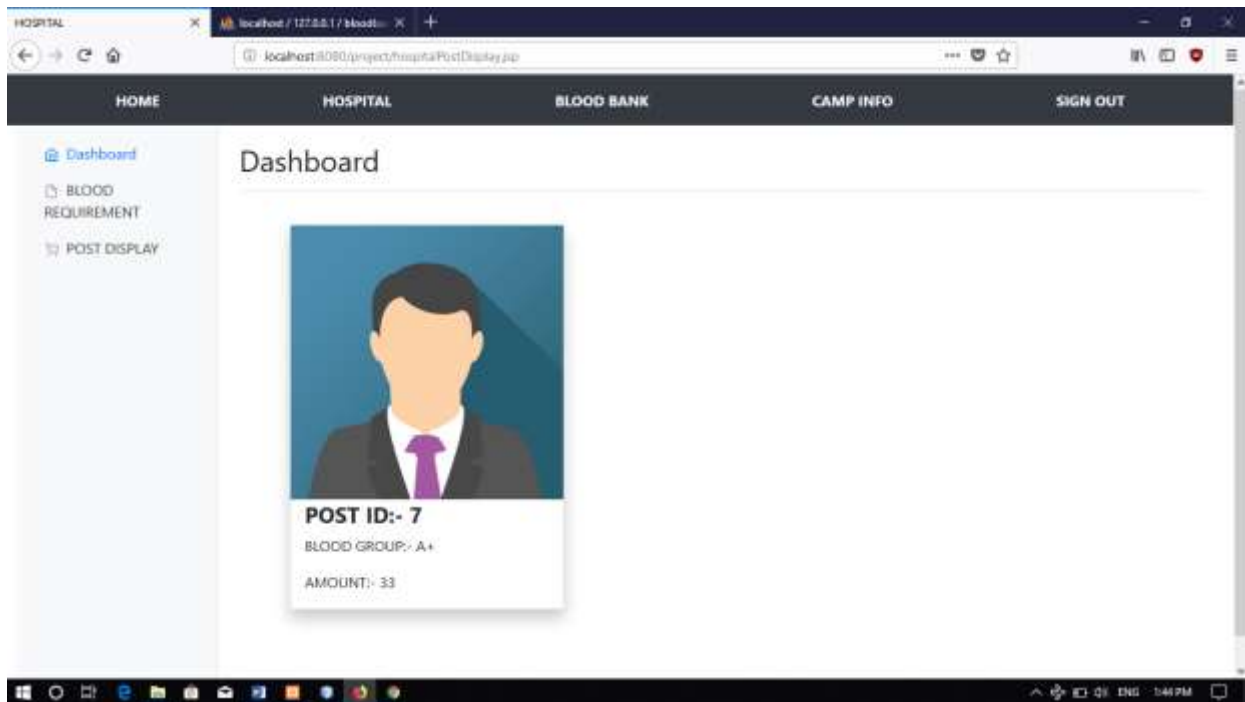
This leads to the generation of post which clarifies the request made to the blood bank by specifically mentioning the:

1. Hospital name
2. Required blood group type
3. Amount of blood packets required

This generated post along with a specific post id is submitted to the blood bank which signifies the need of a particular type of blood packet in the hospital along with the amount of blood packet required for the same.



The screenshot shows a web browser window displaying a web application. The browser's address bar shows the URL `localhost:127.0.0.1/project/hospital.asp`. The application has a dark navigation bar with the following menu items: HOME, HOSPITAL, BLOOD BANK, CAMP INFO, and SIGN OUT. On the left side, there is a sidebar with a 'Dashboard' link and two sub-links: 'BLOOD REQUIREMENT' and 'POST DISPLAY'. The main content area is titled 'Dashboard' and contains a form for submitting a blood request. The form has three input fields: 'Hospital Name' with a placeholder 'Enter hospital name', 'Blood Group' with a placeholder 'Select blood group' and a dropdown arrow, and 'Amount' with a placeholder 'Enter number of packets'. Below these fields is a dark 'Submit' button. To the right of the form is a cartoon illustration of a red blood cell character with a face, arms, and legs, wearing white sneakers.



2. Blood Bank:

The function of blood bank includes satisfying the need and providing the blood packets to the hospitals as per the requirement made from the hospital end.

This blood bank also has an update process where the feed related to the blood packets in the blood bank section is updated.

The post display section in the blood bank shows the hospital query made.

In the account display section the amount of blood packets in the blood bank is displayed to the blood bank authority.

BLOOD BANK

localhost / 127.0.0.1 / blood...
localhost:8080/project/BloodBankForm.jsp

HOME HOSPITAL BLOOD BANK CAMP INFO SIGN OUT

Update Blood bank
Account Display
Post Display

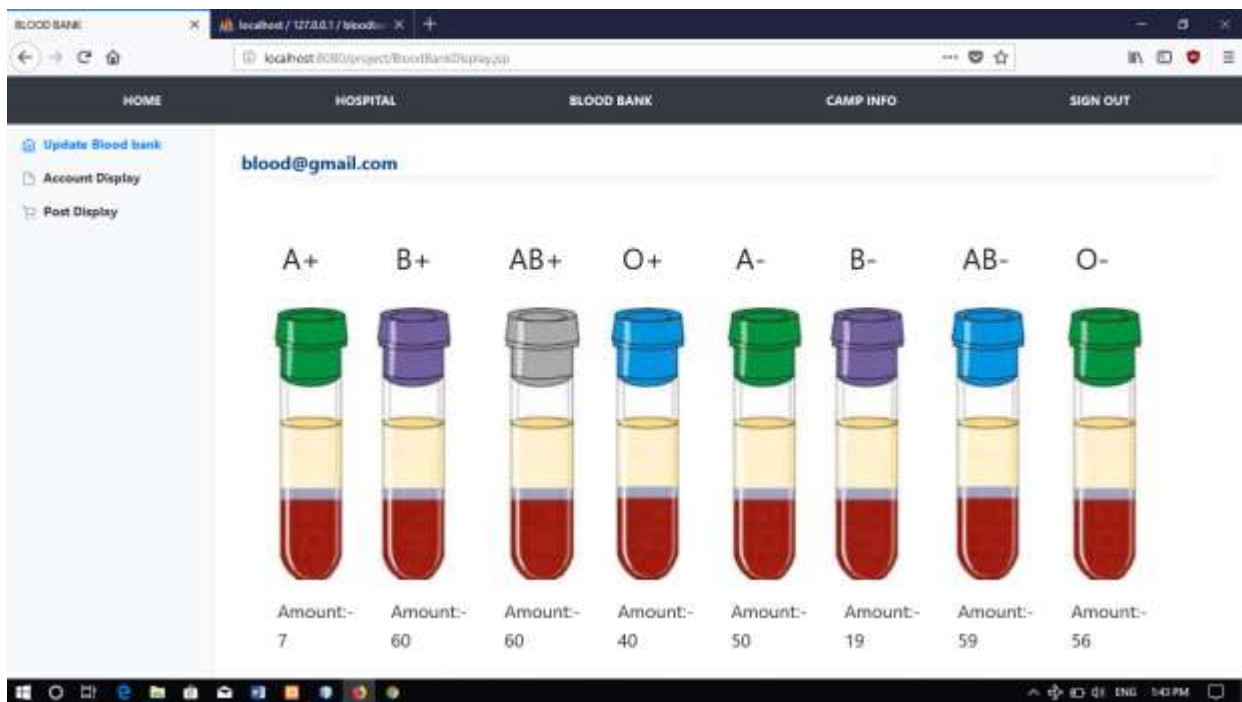
blood@gmail.com

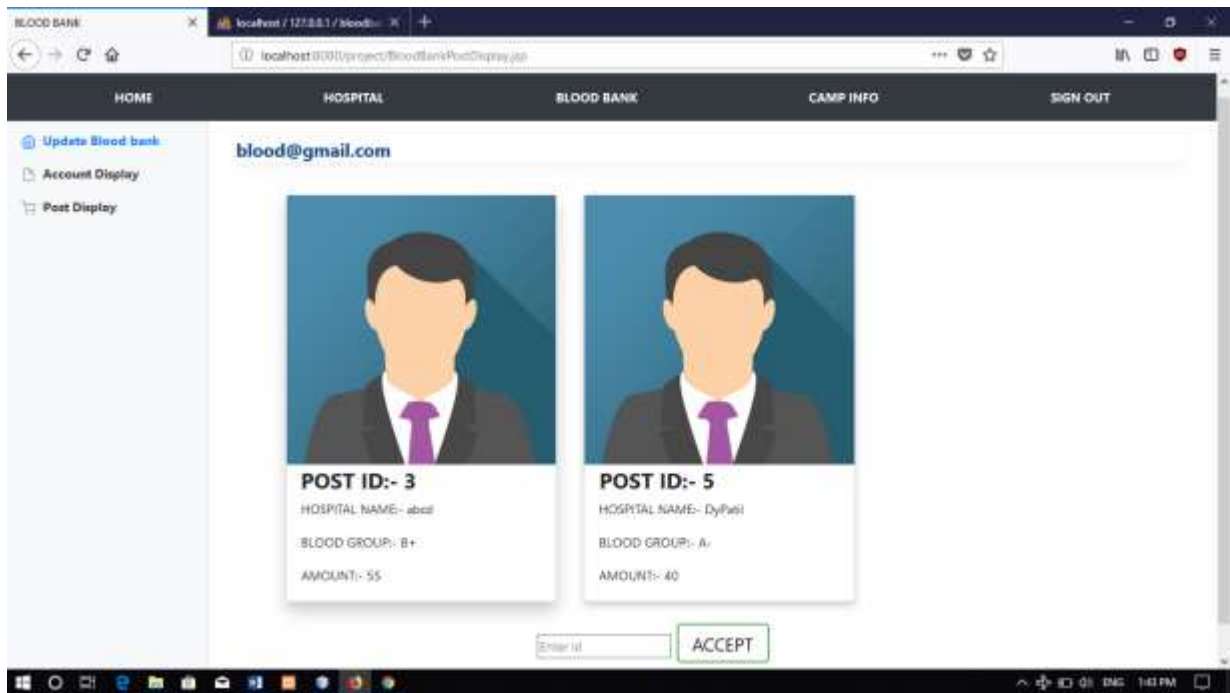
Blood Group

A+	<input type="text"/>
B+	<input type="text"/>
AB+	<input type="text"/>
O+	<input type="text"/>
A-	<input type="text"/>
B-	<input type="text"/>
AB-	<input type="text"/>
O-	<input type="text"/>

UPDATE

Accounts display





Acknowledgement:

It gives me immense pleasure to present the report of the B. Tech Mini Project undertaken during B.Tech Third Year.

This project in itself is an acknowledgement to the inspiration, drive and the technical assistance provided by many individuals the project would never have been able to seen the light of the day without the help and guidance that we have received.

Our heartiest thank to Dr. S.D. Babbar (head of Department) of CS for providing us with an encouraging platform to develop this project, which thus helps in shaping our abilities towards a constructive goal.

We owe special debt of gratitude to Mr S.G. Phule , professor department of computer , for his constant support and guidance throughout the course of our work. His sincerity thoroughness and perseverance have been a constant source of inspiration for us. He has showered up with all his extensively experienced ideas and insightful comments at virtually all stages of the project and also has taught us.

Last but not the least we acknowledge our friends for their contribution in the completion of the project.