Mini Project_Report

by Mini Project

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INTRODUCTION

Imagine if we are travelling and suddenly hit by a truck and lot of blood is wasted out from our Body. During hospitalization we get know that the blood group we needed is not available in the blood bank. At this time, we can only do one thing is pray to god, and keep patience in a way that someone will come forward & donate the require blood. But, did you know how much time have you wasted. And we all know consequences of that the patient could be die due to unavailability of blood .

In India ,60 million trauma-induced surgery performed every year i.e 1200 accident cases happens every day in which blood requirement is high and lot of patient died due unavailability of blood on time.

To overcome this problem, Blood Donation Management System provide interface to user to search donor list motivate user to become donor and save the life of other . This is very fast and helpful.

MOTIVATION

In a digital era everyone wants to get their work faster .we saw that lot people die due to unavailabilty of blood and

On seeing this type of problem you should move a one step ahead and the save the life of other who are in need.

PROJECT OBJECTIVE

Our project aims to design, develop and implement online blood bank management system. This web-based application provides:

1. **To manage the information of blood donor**
2. **Easily search the donor list**
3. **Encourage user to become donor**

SCOPE OF PROJECT

In future , we can add the stock information of blood and maintain the supply and utility of blood in efficient way.We can also add a feature in which needed one can search blood group through just sending a message through simple phone

LITERATURE SURVEY

1.Bloodbanktoday

The website for Blood Bank India is a website that provides the facility for the donor to register by him or herself as a blood donor.It also provides a feature where a person can request blood from Bloodbanktoday.It also provide a list of blood bank which can easily search by just entering the state and district .This website not provides the stock information of blood .In this website we can donate fund also for good cause.

https://bloodbanktoday.com/

2.ebloodbankodisha

Ebloodbankodisha is a government organization that helps to donate blood. This website provide information about blood stock but we can not registered as a donor we have to visit to a blood bank to register .we can login as a blood bank user,and a state user.This website not provide the donor information for all user .

https://ebloodbankodisha.nic.in/Websites/frontPage

SOFTWARE AND HARDWARE REQUIREMENTS

Technologies used

- Visual Studio.net
- HTML
- CSS
- JQUERY
- BOOTSTRAP FRAMEWORK
- Ms SQL Server

Software Requirements

- DBMS Software(XAMPP)
- Visual studio.net
- Windows 10
- Google Chrome

Hardware Requirements

- ✓ Hard Disk – 2GB
- ✓ RAM – 1 GB.
- ✓ Processor – Dual Core or Above.

PROPOSED METHOD

In the proposed system,donor can easily register on this website and get registered himself as a blood donor very easily and helps the other people.Also they can edit their profile and delete their profile.Admin can see the all donor list and they can also add donor and delete donor detail.

Modules

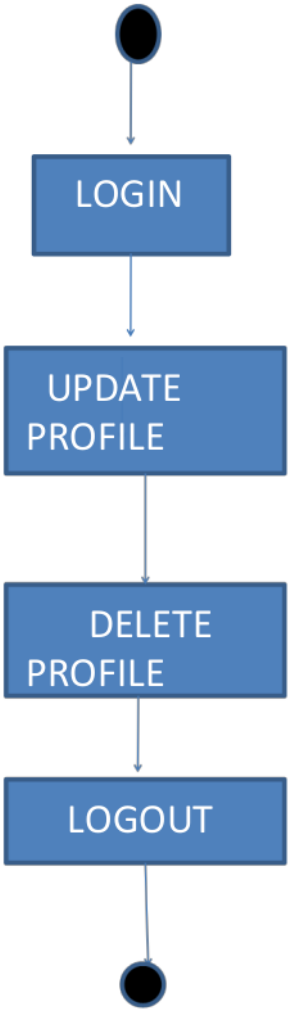
1. ADMIN MODULE:

They have all the right to add all the details to system such as donor detail,delete donor profile.

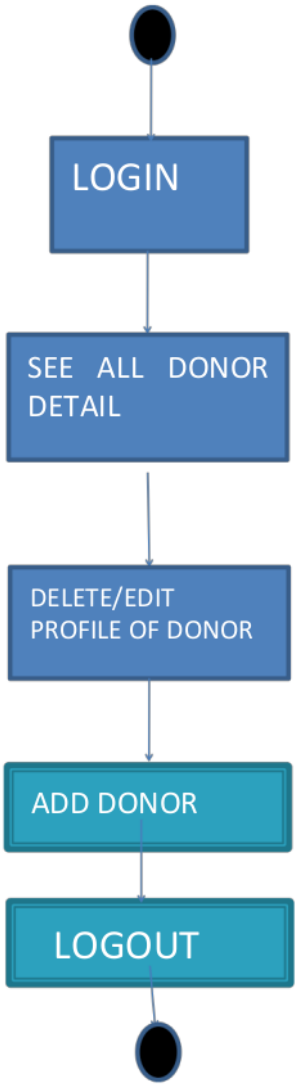
2. USER MODULE:

Donor is the one who can donates the blood .The information of all the donors is being maintained.Donor can easily registerd on this website where they should enter their basic detail.

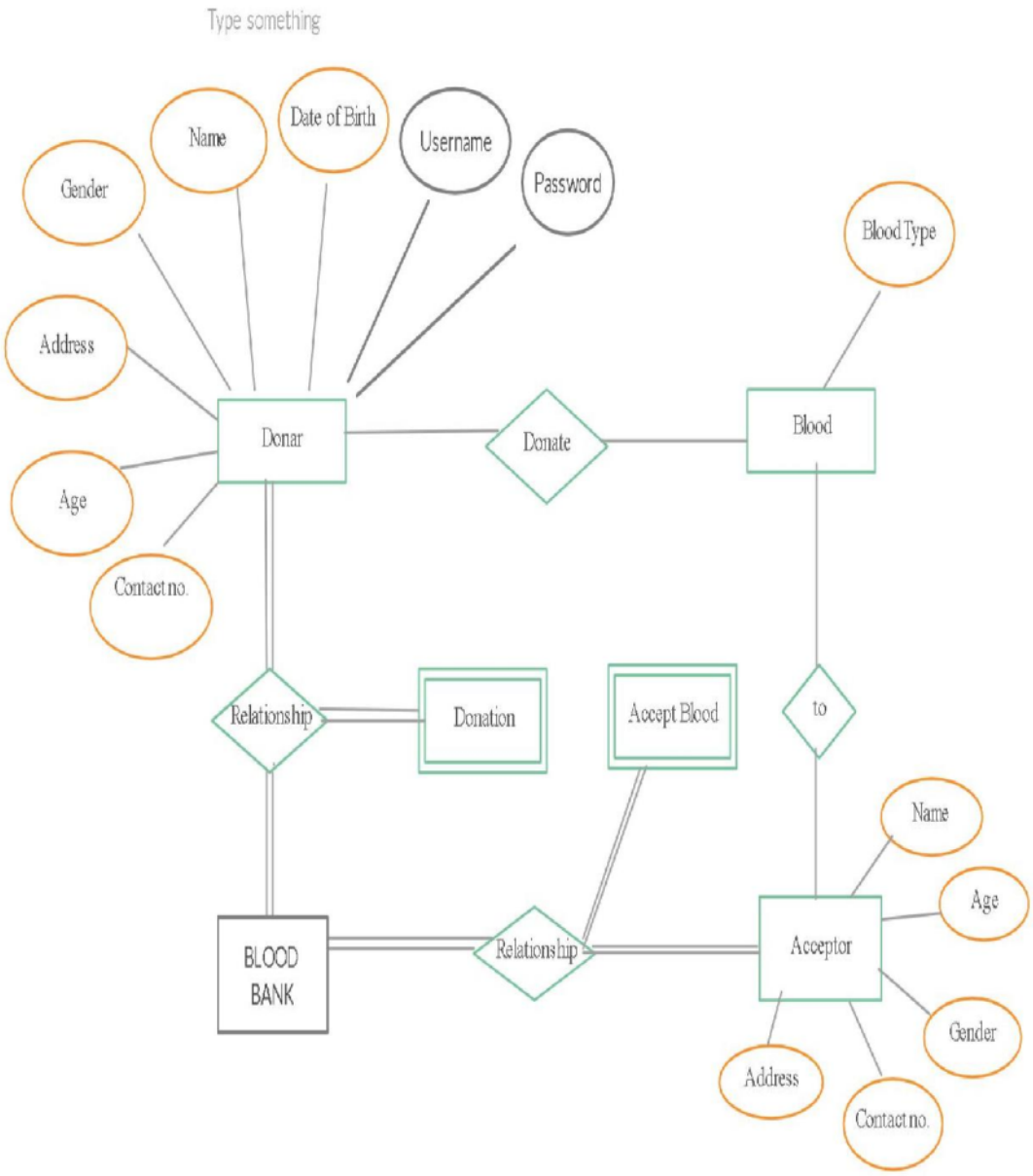
ACTIVITY DIAGRAM: DONOR



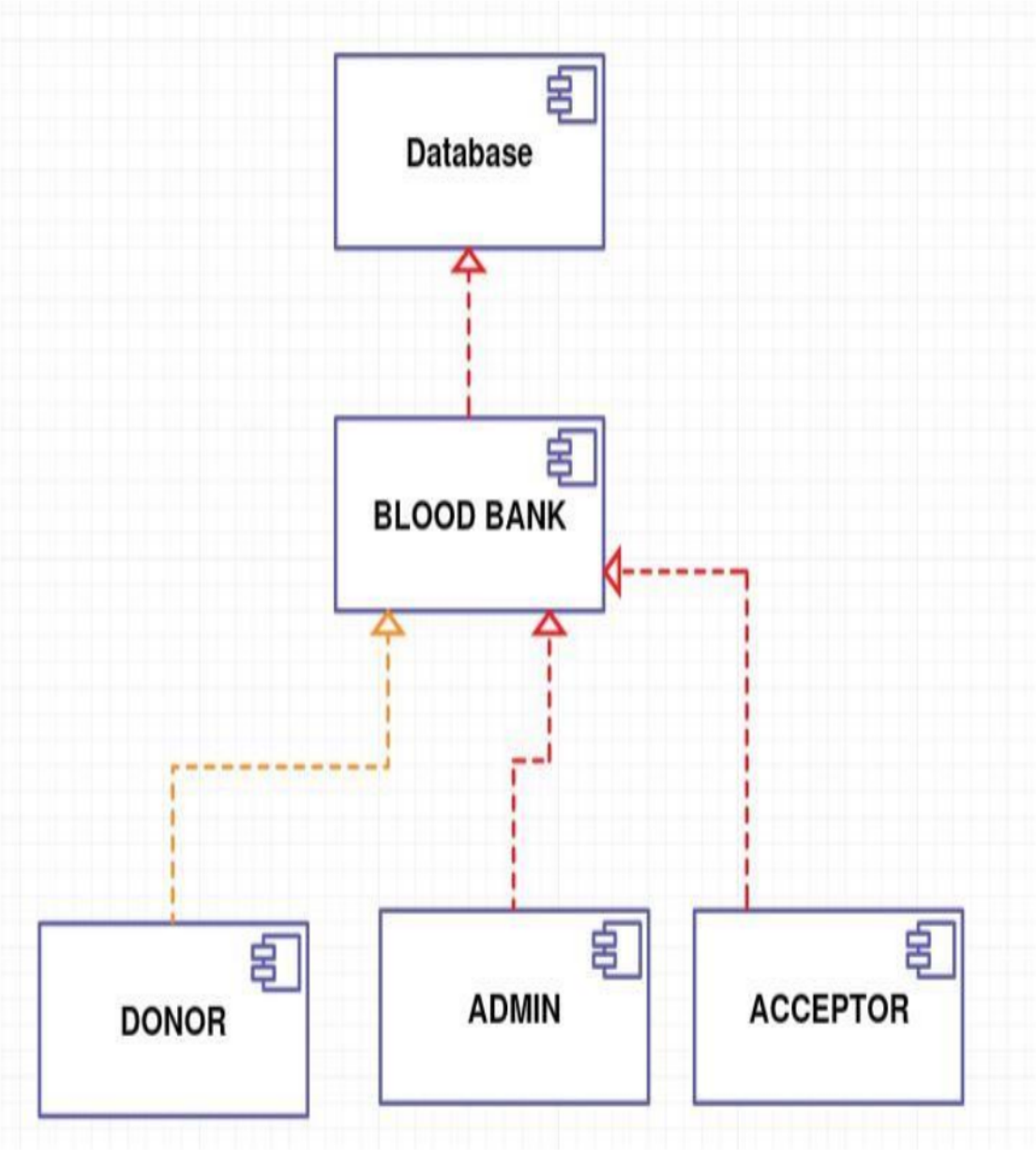
ACTIVITY DIAGRAM: ADMIN



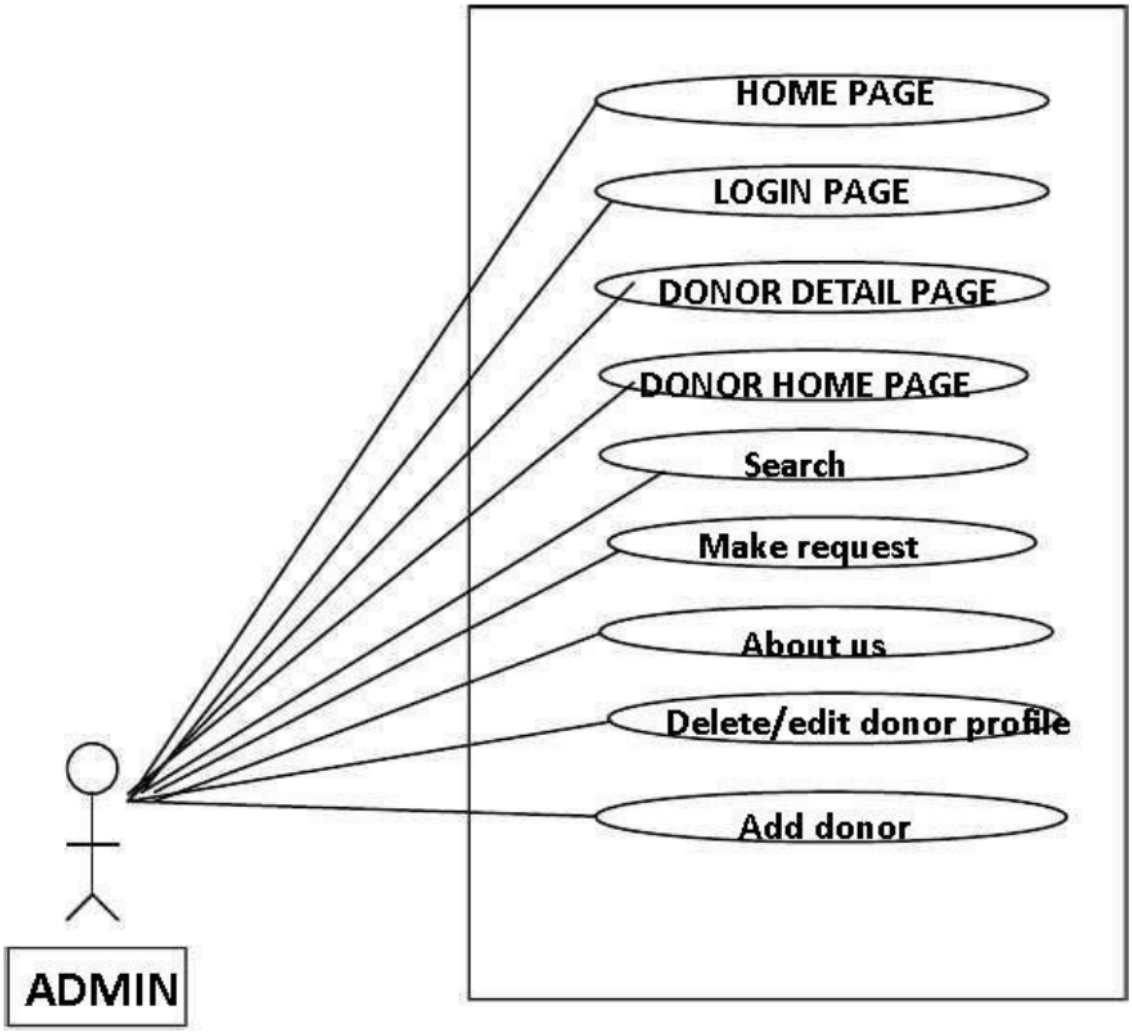
ER DIAGRAM


Type something
Name
Date of Birth
Username
Gender
Password
Blood Type
Address
Donar
Donate
Blood
Age
Contact no.
Relationship
Donation
Accept Blood
to
Name
Age
BLOOD BANK
Relationship
Acceptor
Gender
Address
Contact no.

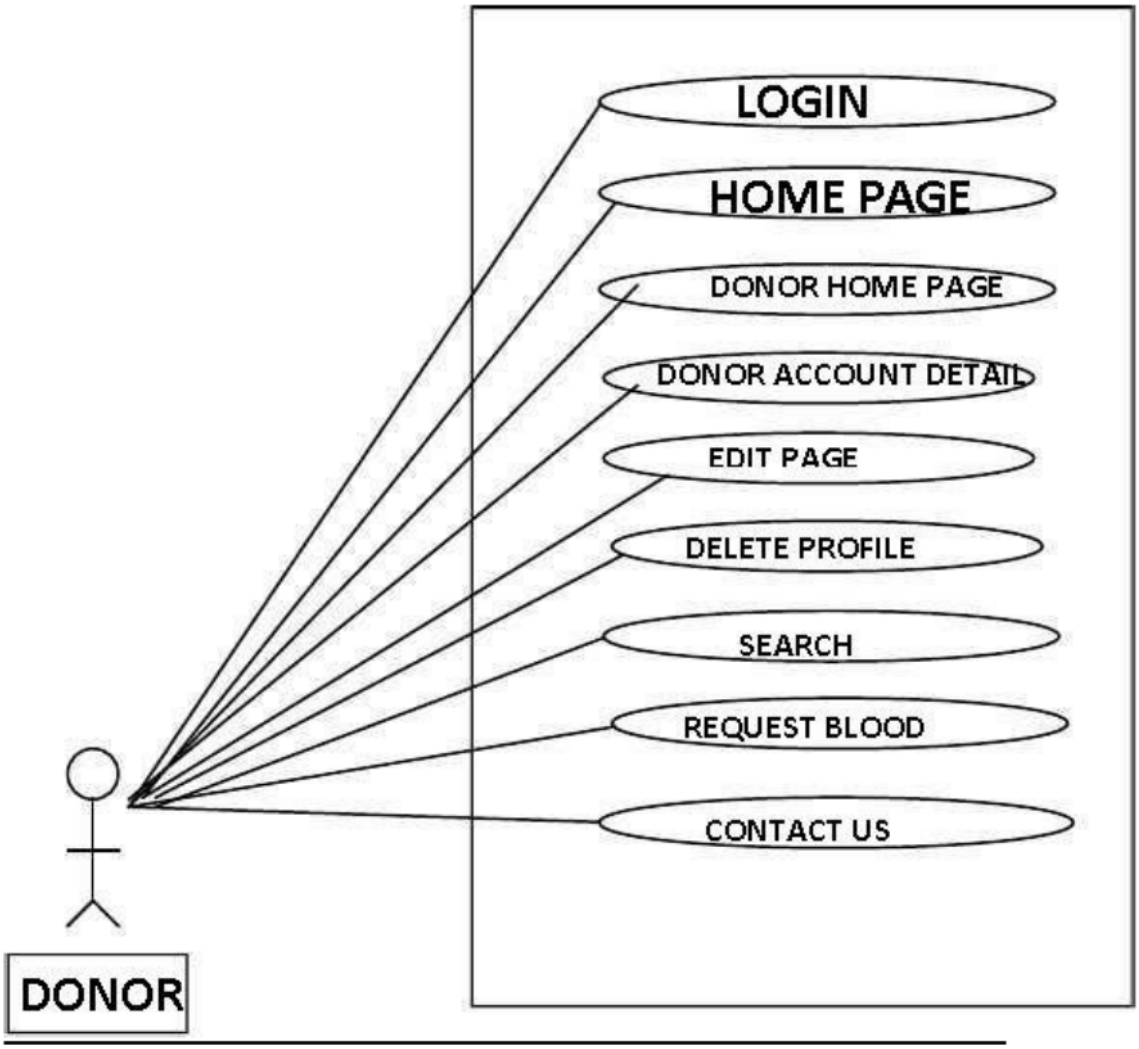
COMPONENT DIAGRAM



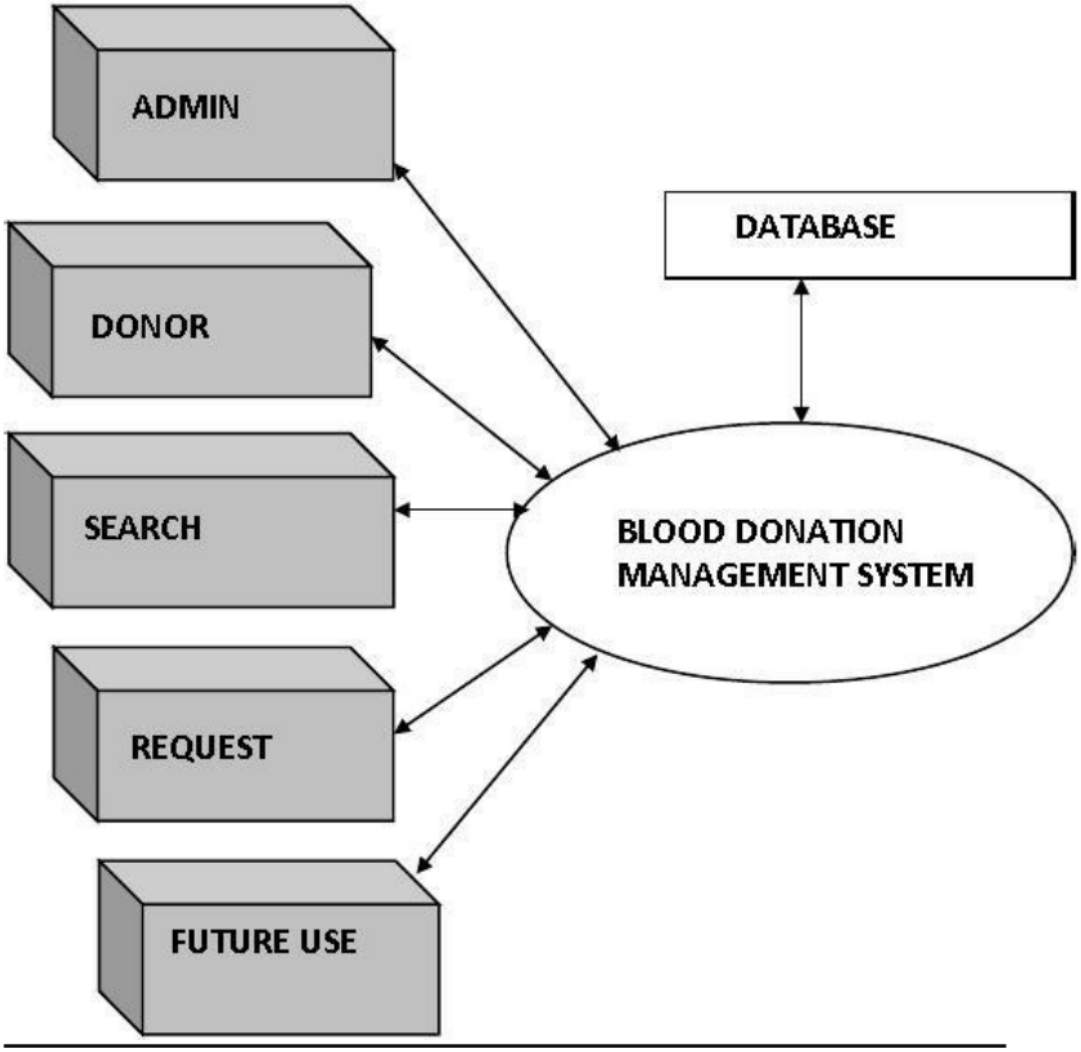
USER CASE DIAGRAM :ADMIN



UML DIAGRAM:DONOR

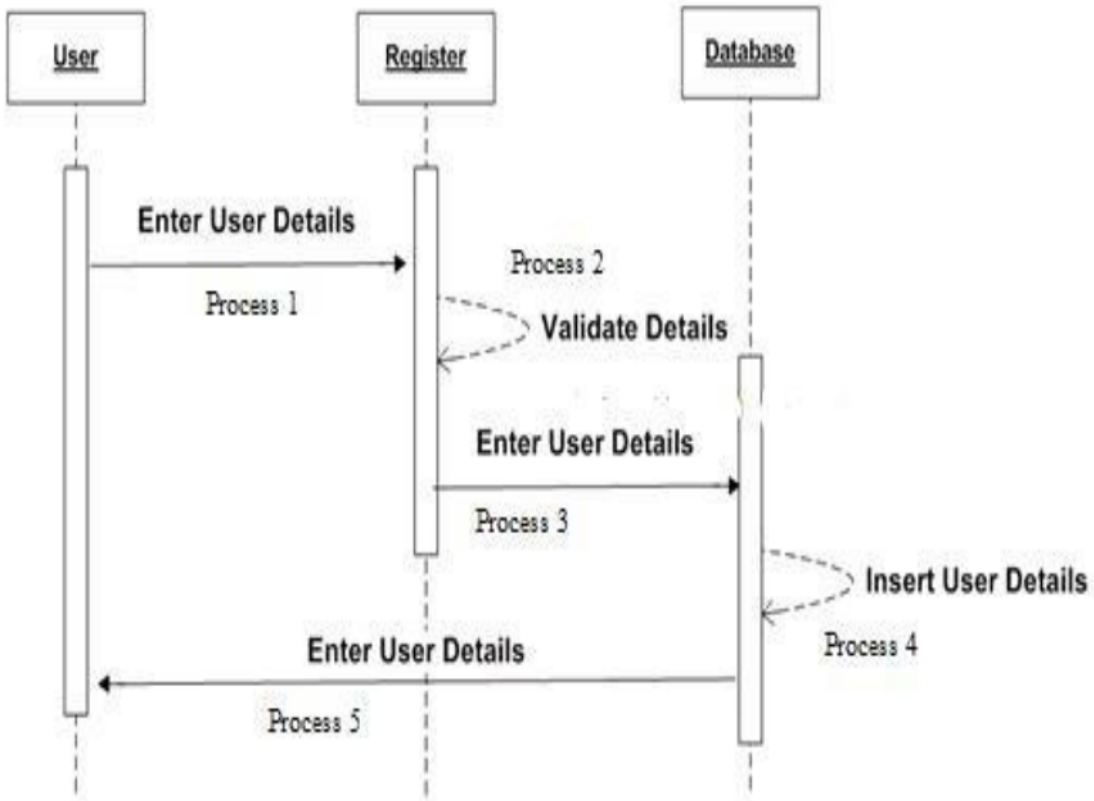


DATA FLOW DIAGRAM

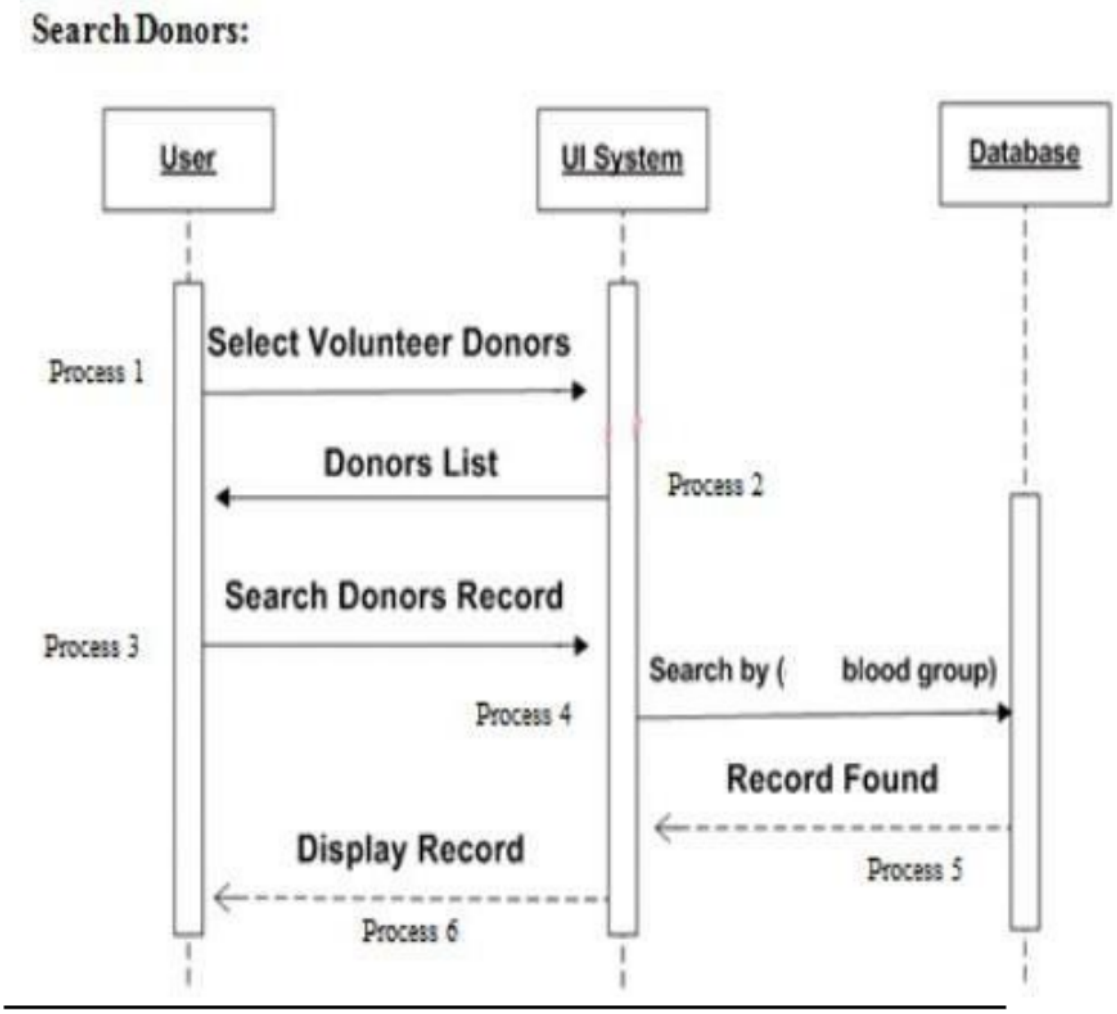


SEQUENCE DIAGRAM

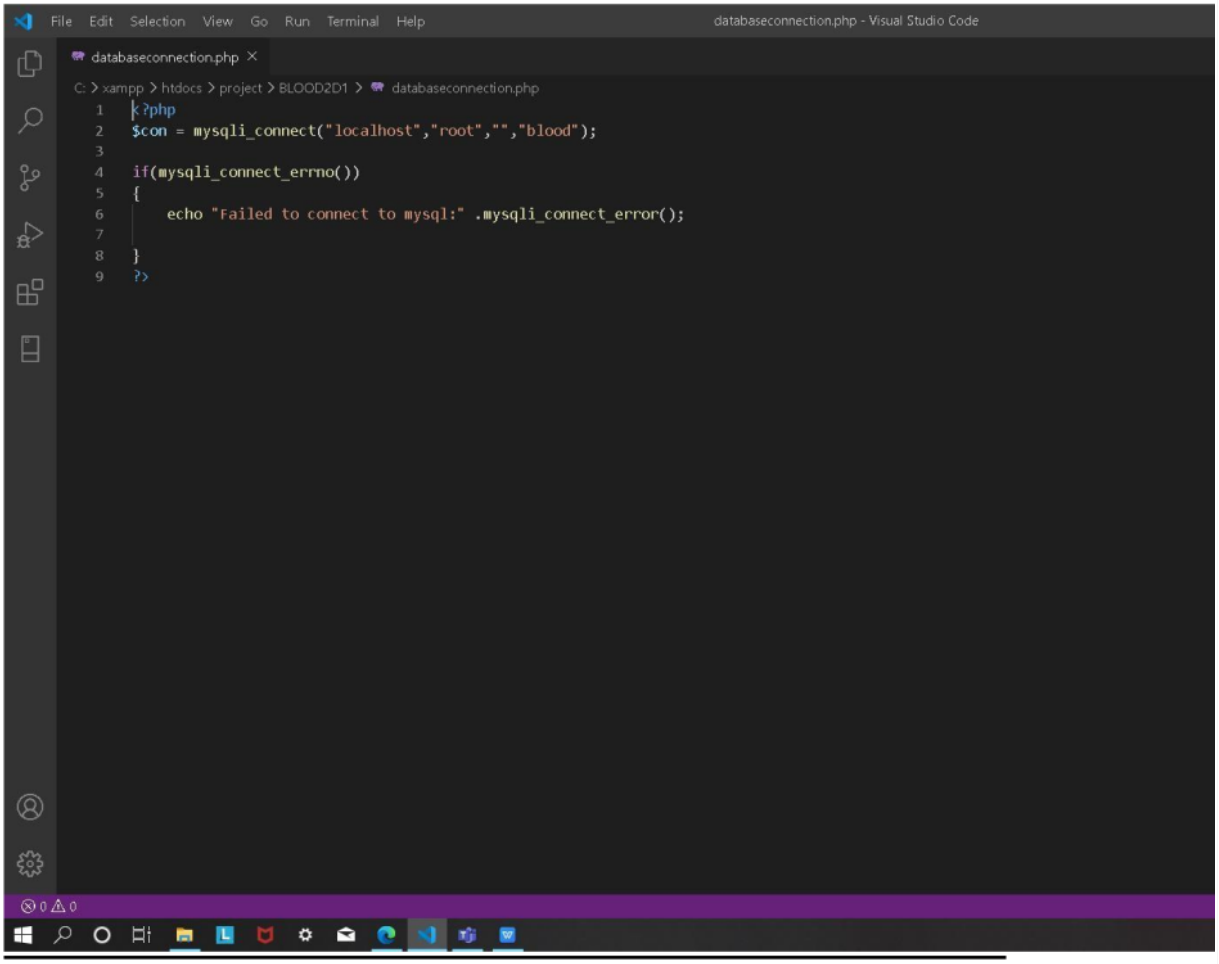
Registration:



SEQUENCE DIAGRAM:SEARCH DONOR



CODE SNIPPETS



File Edit Selection View Go Run Terminal Help login.process.php - Visual Studio Code

login.process.php

C: > xampp > htdocs > project > BLOOD2D1 > login.process.php

```php
<?php session_start();

include('databaseconnection.php');

if(isset($_POST['login']));
{
    $user_unsafe=$_POST['username'];
    $pass_unsafe=$_POST['password'];

    $user = mysqli_real_escape_string($con,$user_unsafe);
    $pass = mysqli_real_escape_string($con,$pass_unsafe);

    $query=mysqli_query($con,"SELECT * from mytable where username='$user' and password='$pass'")
    or die(mysqli_error($con));

    $row=mysqli_fetch_array($query);

    $user=$row['username'];
    $pass=$row['password'];
    $name = $row['name'];
    $gender = $row['gender'];
    $datepicker1 = $row['datepicker1'];
    $bloodgroup = $row['bloodgroup'];
    $weight = $row['weight'];
    $available= $row['available'];
    $street = $row['street'];
    $area = $row['area'];
    $city = $row['city'];
    $pincode = $row['pincode'];
    $mobile = $row['mobile'];
    $email = $row['email'];
    $role= $row['role'];


    $counter=mysqli_num_rows($query);
    $id=$row['id'];

    if ($counter == 0)
```

Ln 1, Col 1 Spaces: 3 UTF-8

File Edit Selection View Go Run Terminal Help login process.php - Visual Studio Code

login process.php

C: > xampp > htdocs > project > BLOOD2D1 > login process.php

```php
<?php session_start();

include('databaseconnection.php');

if(isset($_POST['login']));
{
    $user_unsafe=$_POST['username'];
    $pass_unsafe=$_POST['password'];

    $user = mysqli_real_escape_string($con,$user_unsafe);
    $pass = mysqli_real_escape_string($con,$pass_unsafe);

    $query=mysqli_query($con,"SELECT * from mytable where username='$user' and password='$pass'")
    or die(mysqli_error($con));

    $row=mysqli_fetch_array($query);

    $user=$row['username'];
    $pass=$row['password'];
    $name = $row['name'];
    $gender = $row['gender'];
    $datepicker1 = $row['datepicker1'];
    $bloodgroup = $row['bloodgroup'];
    $weight = $row['weight'];
    $available= $row['available'];
    $street = $row['street'];
    $area = $row['area'];
    $city = $row['city'];
    $pincode = $row['pincode'];
    $mobile = $row['mobile'];
    $email = $row['email'];
    $role= $row['role'];


    $counter=mysqli_num_rows($query);
    $id=$row['id'];

    if ($counter == 0)
```

Ln 1, Col 1 Spaces: 3 UTF-8 CRLF PHP

logout process.php - Visual Studio Code

logout process.php

C: > xampp > htdocs > project > BLOOD2D1 > logout process.php

```php
<?php session_start();
if(empty($_SESSION['id'])):
    header('Location:login1.php');
endif;
?>
<!DOCTYPE html>
<html>
<body>
    <div style="width:150px;margin:auto;height:500px;margin-top:300px">

    <?php
     include('databaseconnection.php');
     session_destroy();
     //unset($_SESSION['id']);
     //unset($_SESSION['username']);

     echo '<meta http-equiv="refresh" content="2;url=login1.php">';
     echo '<progress max=100><strong>Progress: 60% done.</strong></progress><br>';
     echo '<span class="itext">Logging out please wait!...</span>';

    ?>
    </div>

</body>
</html>
```

deleteprofile1.php - Visual Studio Code

deleteprofile1.php

C: > xampp > htdocs > project > BLOOD2D1 > deleteprofile1.php

```php
<?php
session_start();
include('databaseconnection.php');



if(empty($_SESSION['id'])):
    header('Location:login1.php');
endif;
?>

<?php

include('databaseconnection.php');
$ids= $_GET['id'];

$deletequery = "DELETE FROM mytable WHERE id=$ids";

$query= mysqli_query($con,$deletequery);

header('Location:admin.php');
?>
```

Downloading C/C++ language components (Windows)

Cannot validate since no PHP executable is set. Use the setting 'php.validate.executablePath' to configure the PHP executable.

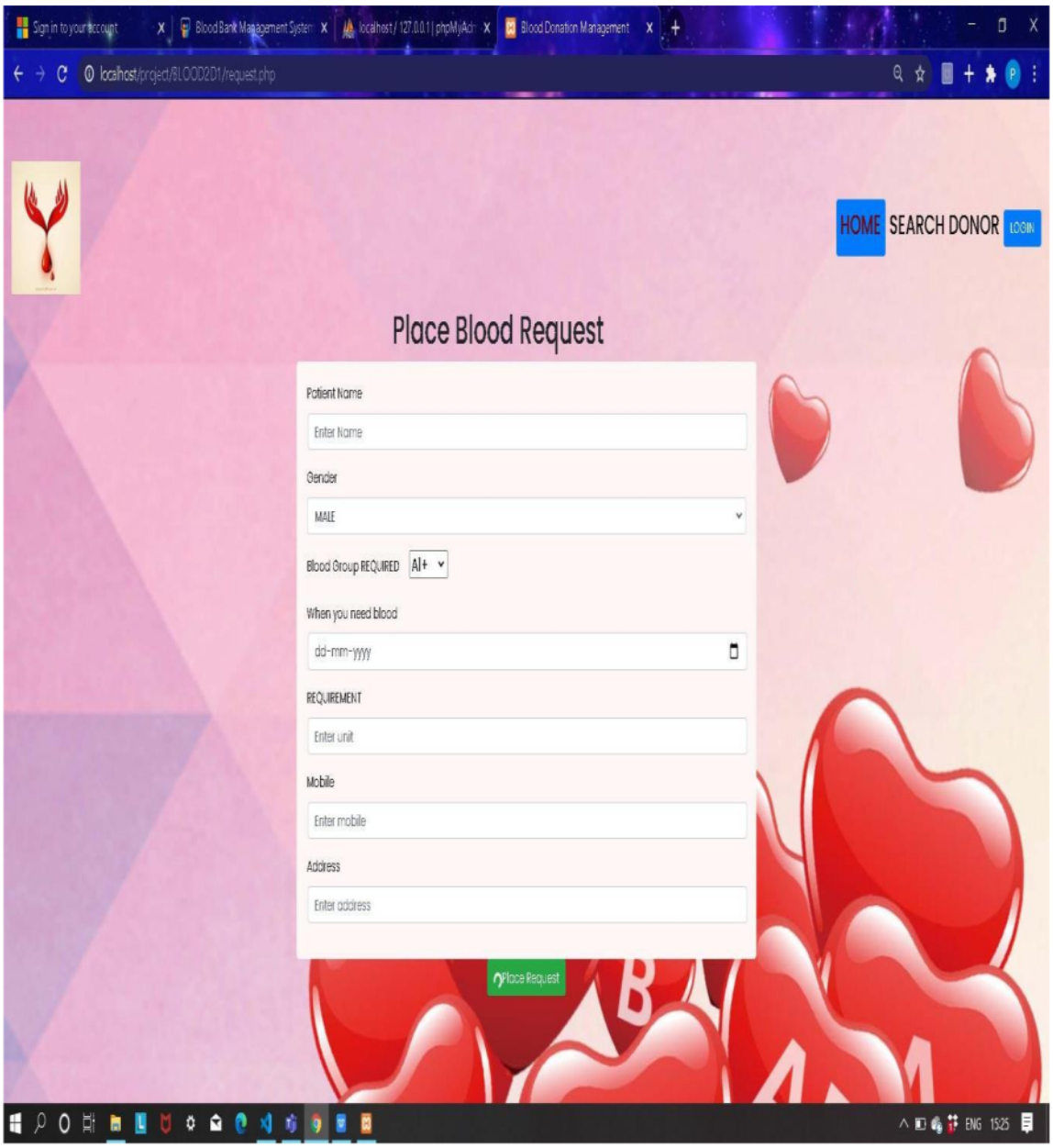
Source: PHP Language Features (Extension)

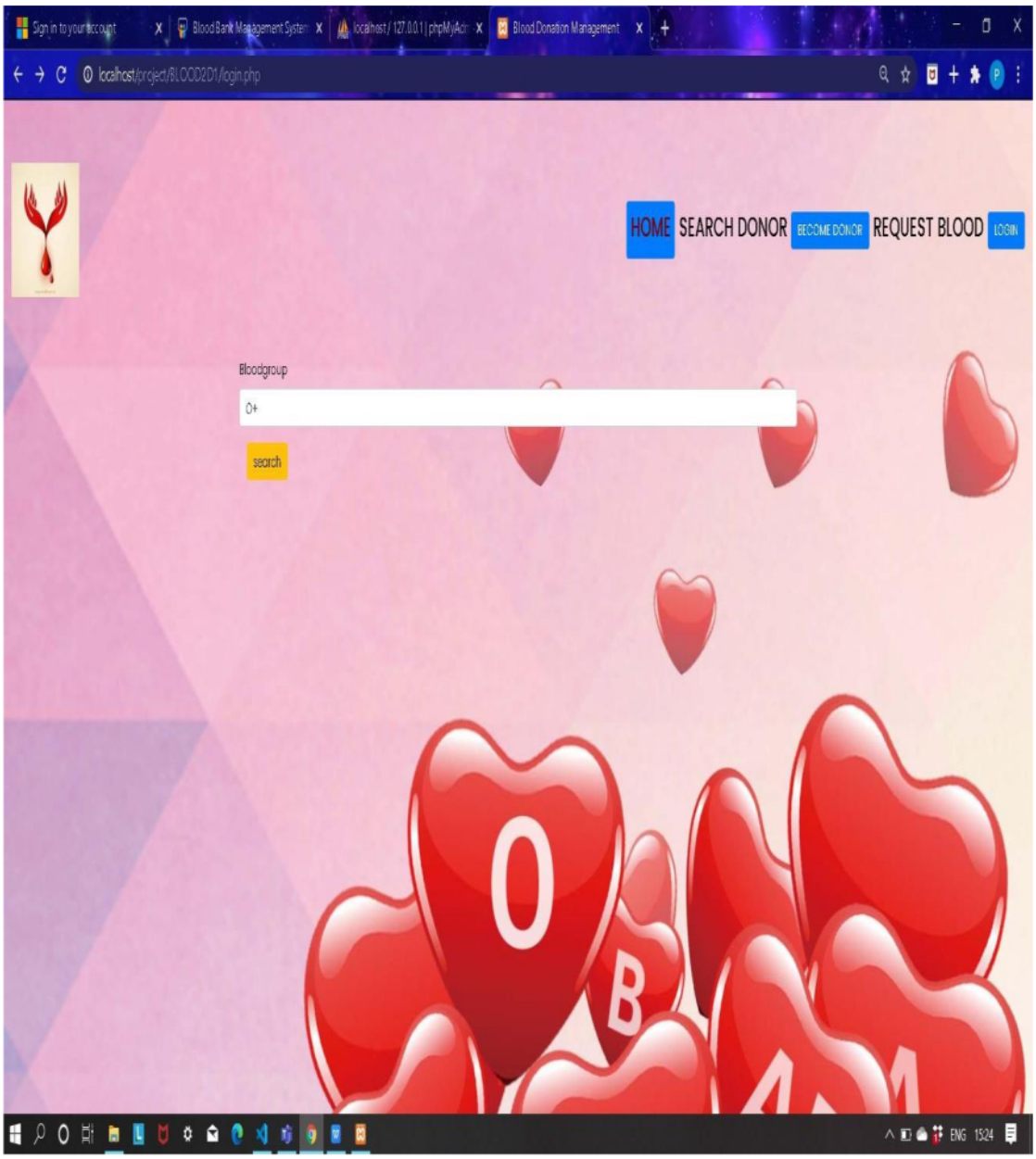
Open Settings

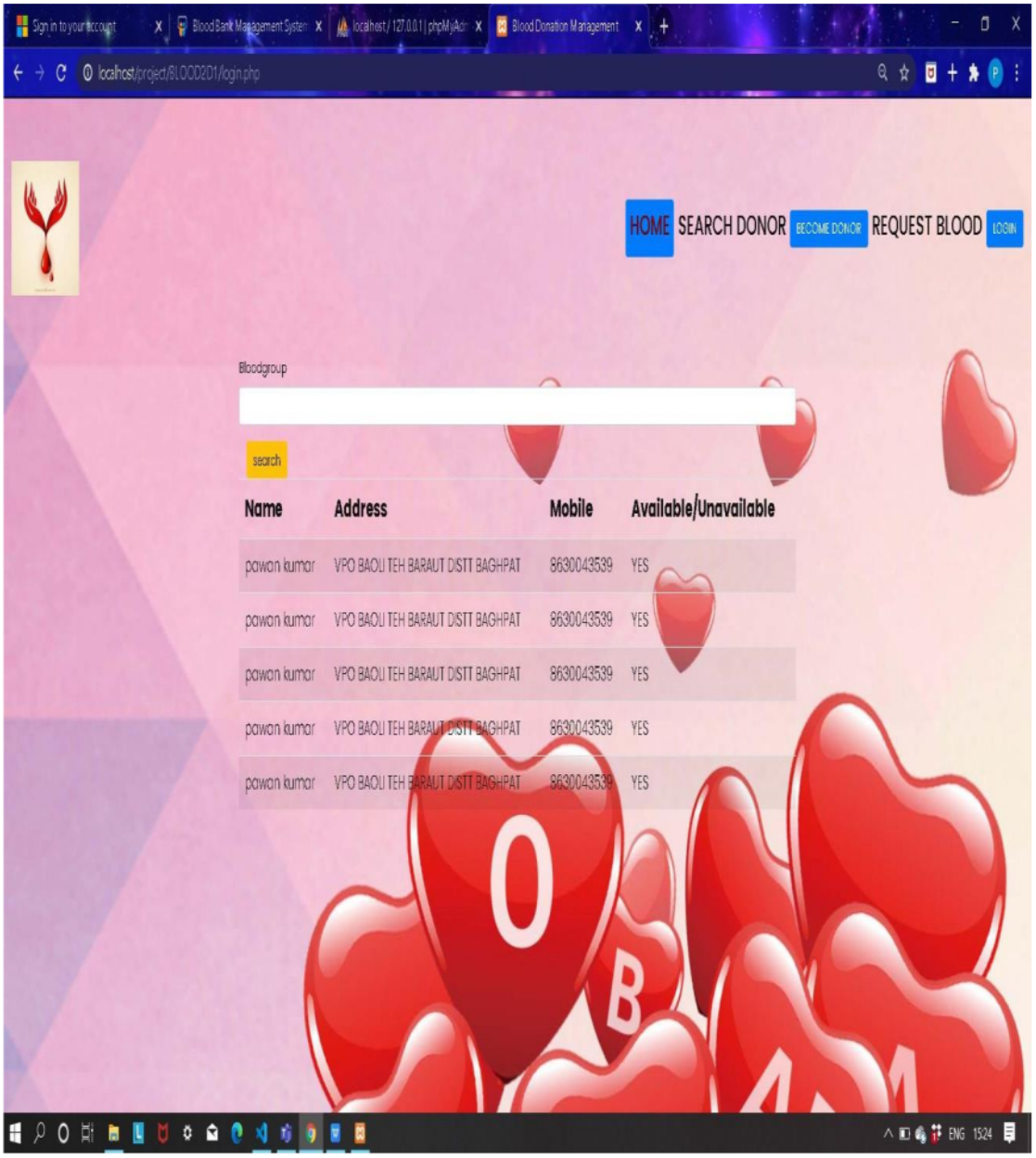
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF PHP

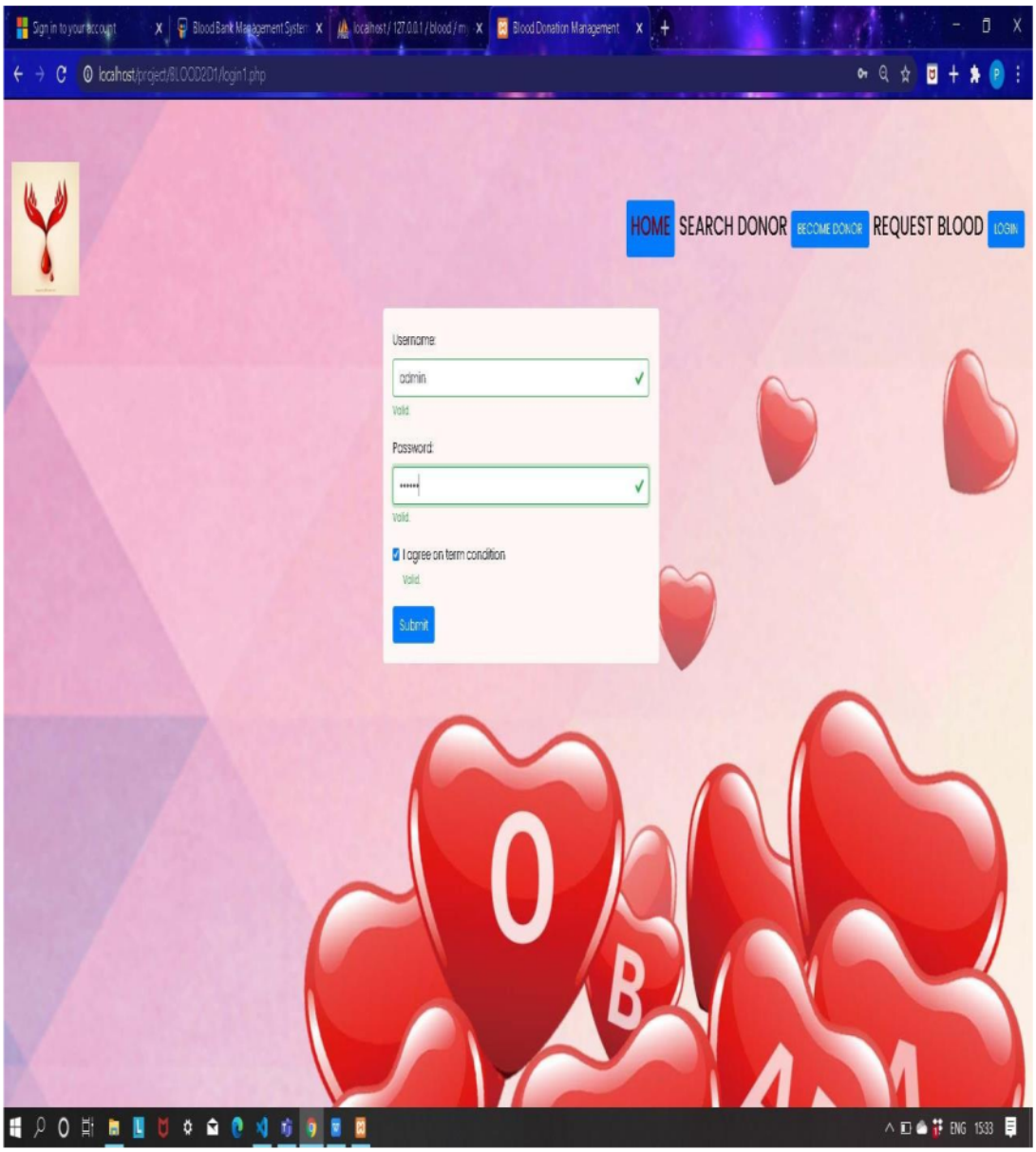
ENG 15:56

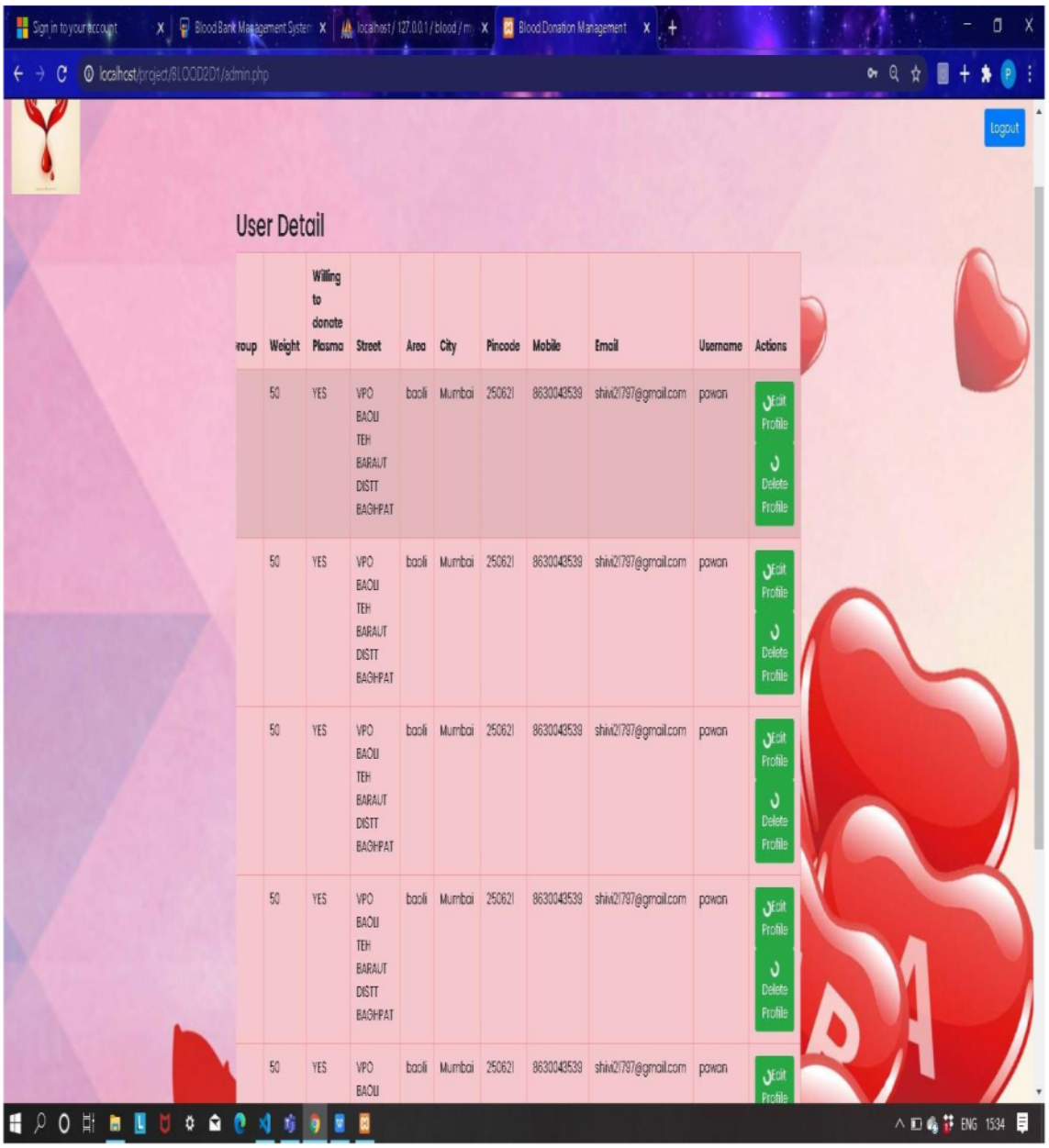
OUTPUT SCREEN


Sign in to your account
Blood Bank Management System
localhost / 127.0.0.1 | phpMyAdm
Blood Donation Management
localhost/project/BLOOD2D1/request.php
HOME
SEARCH DONOR
LOGIN
Place Blood Request
Patient Name
Enter Name
Gender
MALE
Blood Group REQUIRED
A|+
When you need blood
dd-mm-yyyy
REQUIREMENT
Enter unit
Mobile
Enter mobile
Address
Enter address
Place Request
ENG 15:25

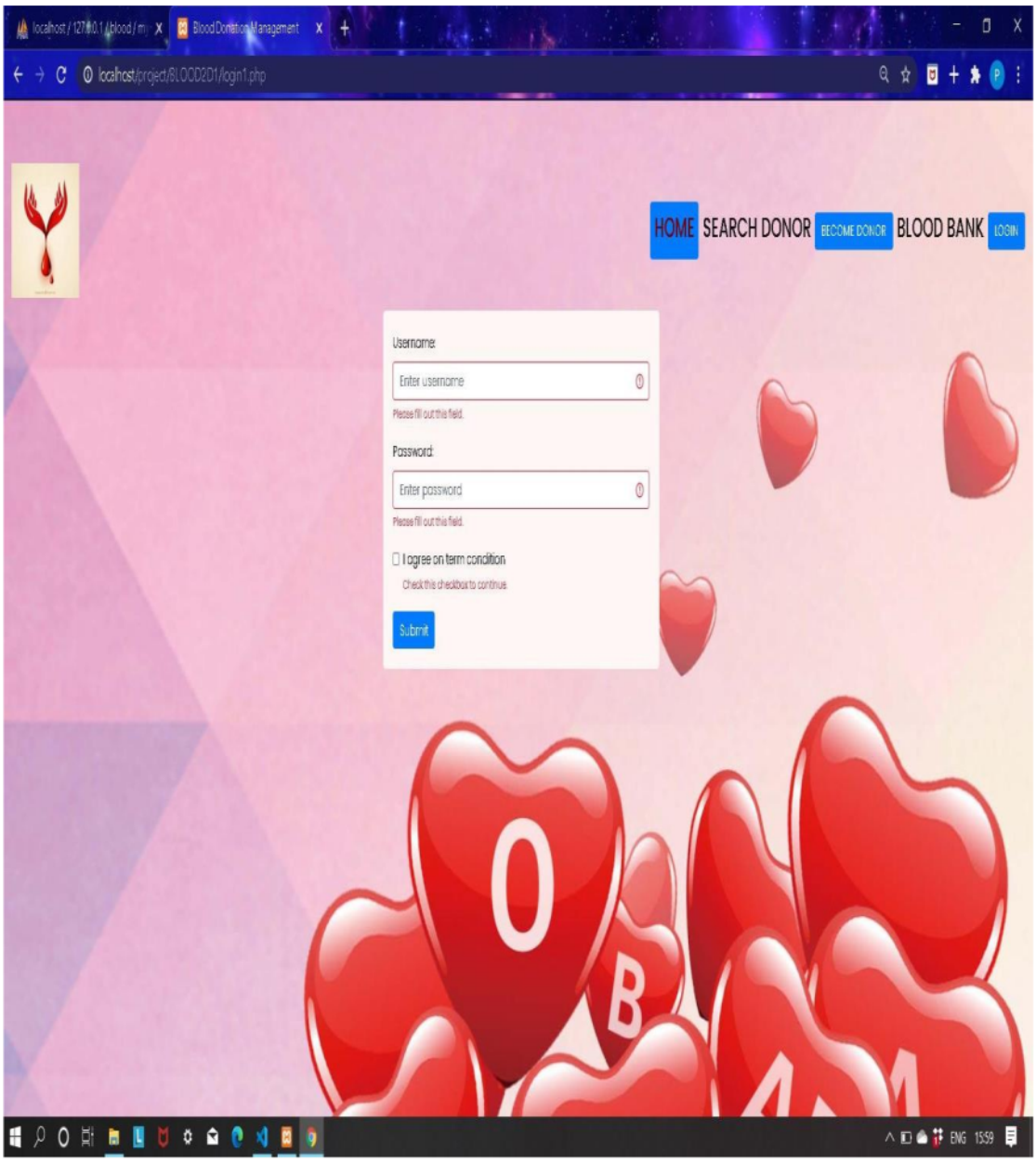

Sign in to your account
Blood Bank Management System
localhost / 127.0.0.1 | phpMyAdm
Blood Donation Management
localhost/project/BLOOD2D1/login.php
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
LOGIN
Bloodgroup
O+
search
O
B
ENG 15:24

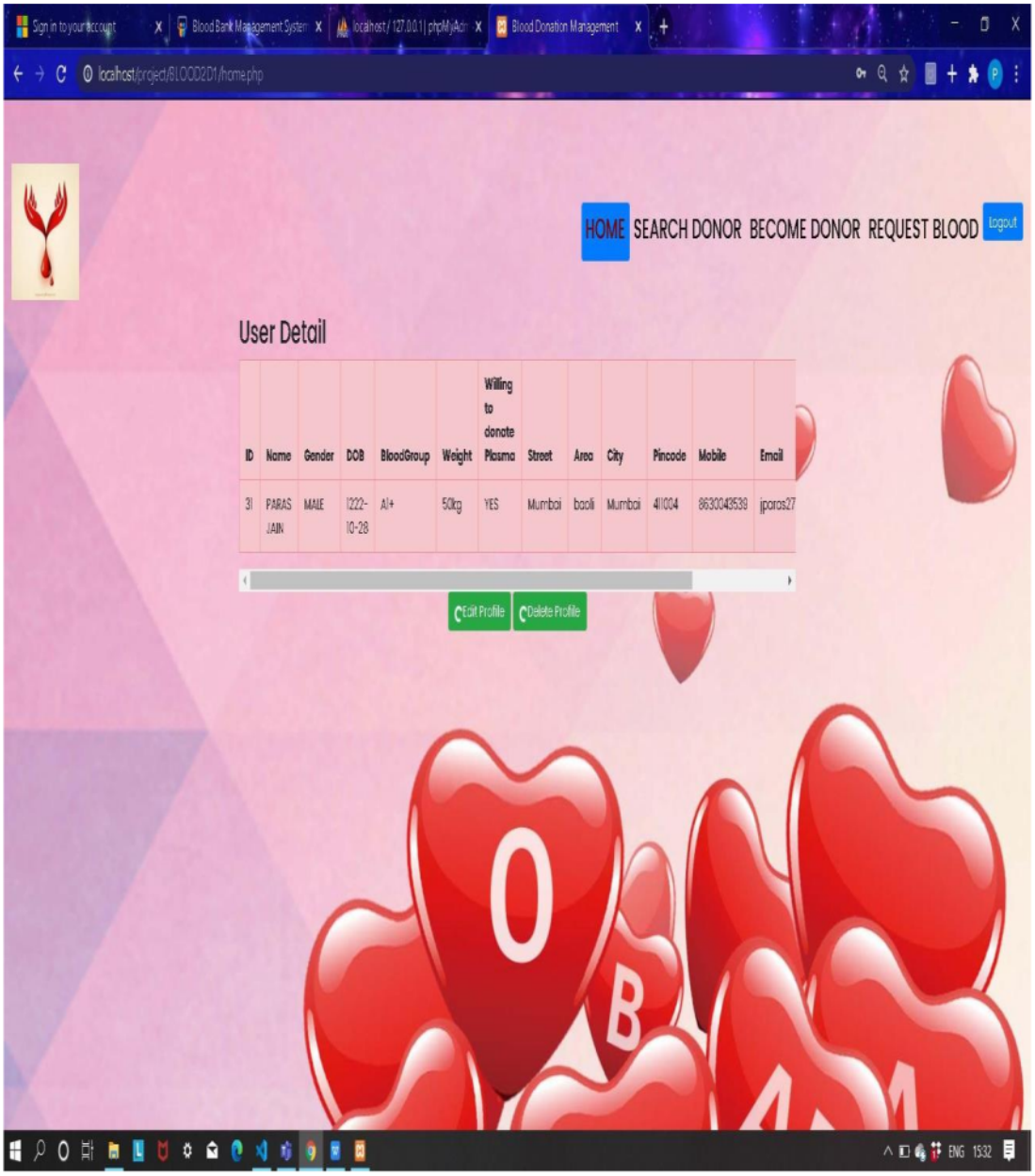

Sign in to your account
Blood Bank Management System
localhost / 127.0.0.1 | phpMyAdm
Blood Donation Management
localhost/project/BLOOD2D1/login.php
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
LOGIN
Bloodgroup
search
Name
Address
Mobile
Available/Unavailable
pawan kumar
VPO BAOLI TEH BARAUT DISTT BAGHPAT
8630043539
YES
pawan kumar
VPO BAOLI TEH BARAUT DISTT BAGHPAT
8630043539
YES
pawan kumar
VPO BAOLI TEH BARAUT DISTT BAGHPAT
8630043539
YES
pawan kumar
VPO BAOLI TEH BARAUT DISTT BAGHPAT
8630043539
YES
pawan kumar
VPO BAOLI TEH BARAUT DISTT BAGHPAT
8630043539
YES
O
B
ENG
1524

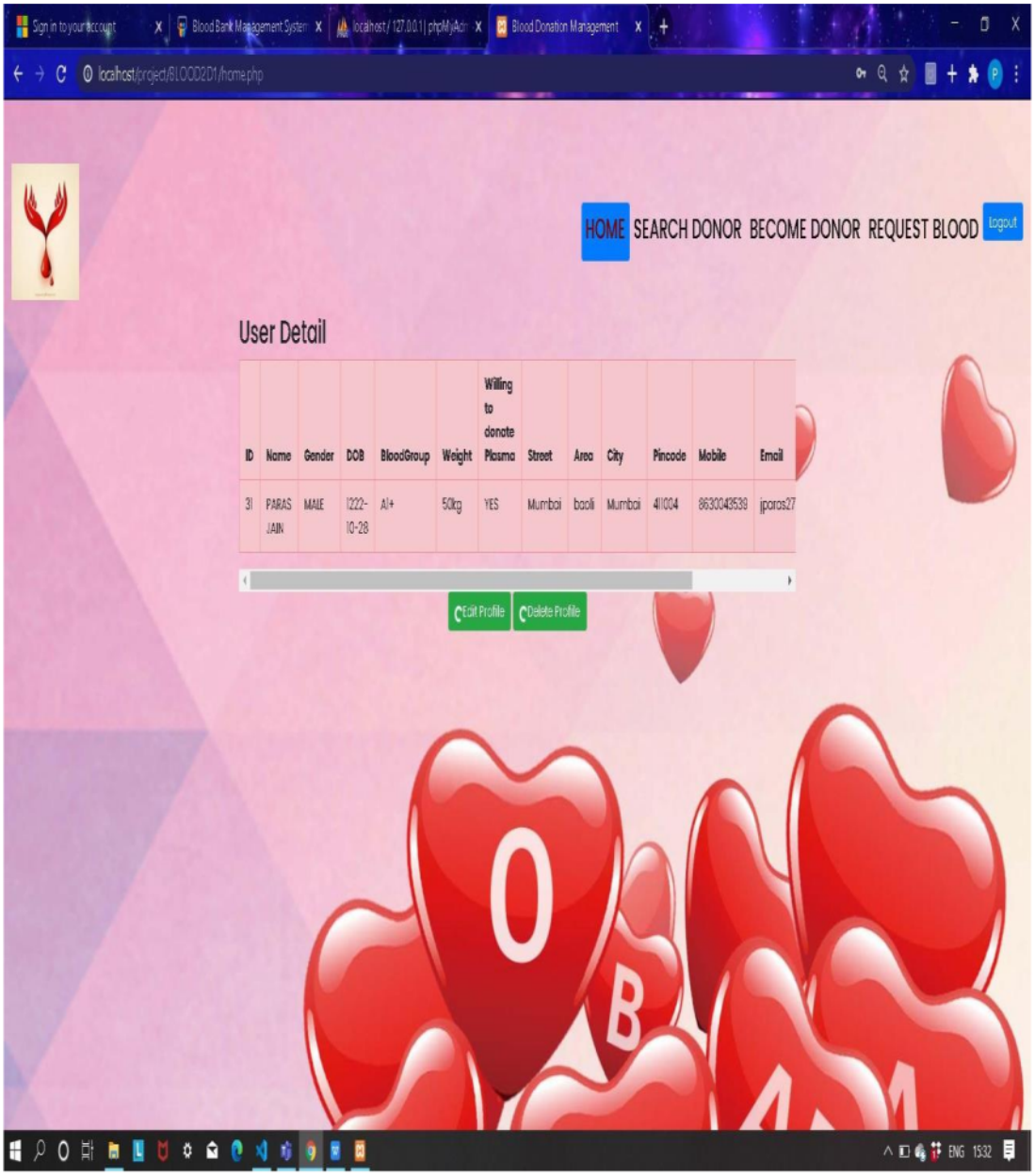

Sign in to your account
Blood Bank Management Syster
localhost / 127.0.0.1 / blood / m
Blood Donation Management
localhost/project/BLOOD2D1/login1.php
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
LOGIN
Username:
admin
Valid.
Password:
Valid.
I agree on term condition
Valid.
Submit
O
B
ENG 1533

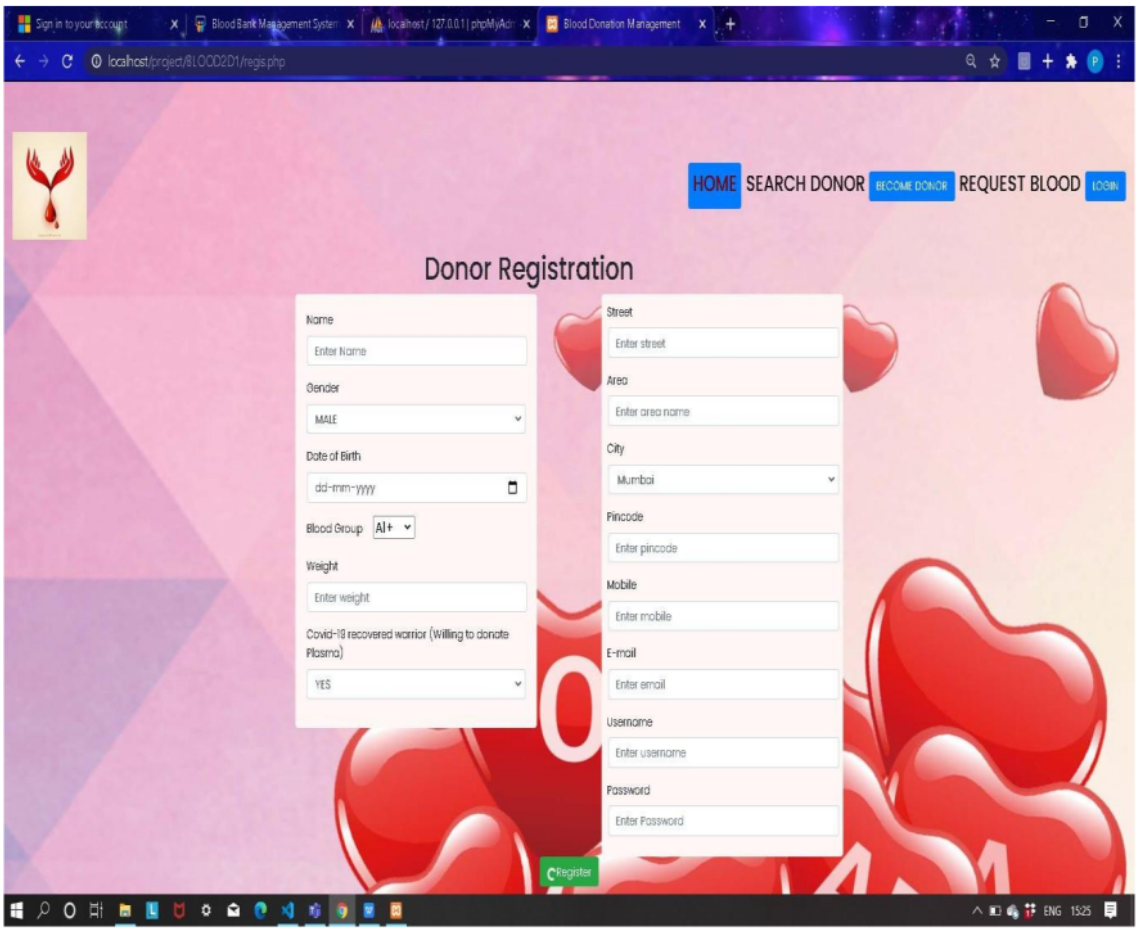

Sign in to your account
Blood Bank Management System
localhost / 127.0.0.1 / blood / m
Blood Donation Management
localhost/project/BLOOD2D1/admin.php
Logout
User Detail
roup | Weight | Willing to donate Plasma | Street | Area | City | Pincode | Mobile | Email | Username | Actions
50 | YES | VPO BAOU TEH BARAUT DISTT BAGHPAT | baoli | Mumbai | 250621 | 8630043539 | shiv21797@gmail.com | pawan | Edit Profile | Delete Profile
50 | YES | VPO BAOU TEH BARAUT DISTT BAGHPAT | baoli | Mumbai | 250621 | 8630043539 | shiv21797@gmail.com | pawan | Edit Profile | Delete Profile
50 | YES | VPO BAOU TEH BARAUT DISTT BAGHPAT | baoli | Mumbai | 250621 | 8630043539 | shiv21797@gmail.com | pawan | Edit Profile | Delete Profile
50 | YES | VPO BAOU TEH BARAUT DISTT BAGHPAT | baoli | Mumbai | 250621 | 8630043539 | shiv21797@gmail.com | pawan | Edit Profile | Delete Profile
50 | YES | VPO BAOU | baoli | Mumbai | 250621 | 8630043539 | shiv21797@gmail.com | pawan | Edit Profile
ENG 1534

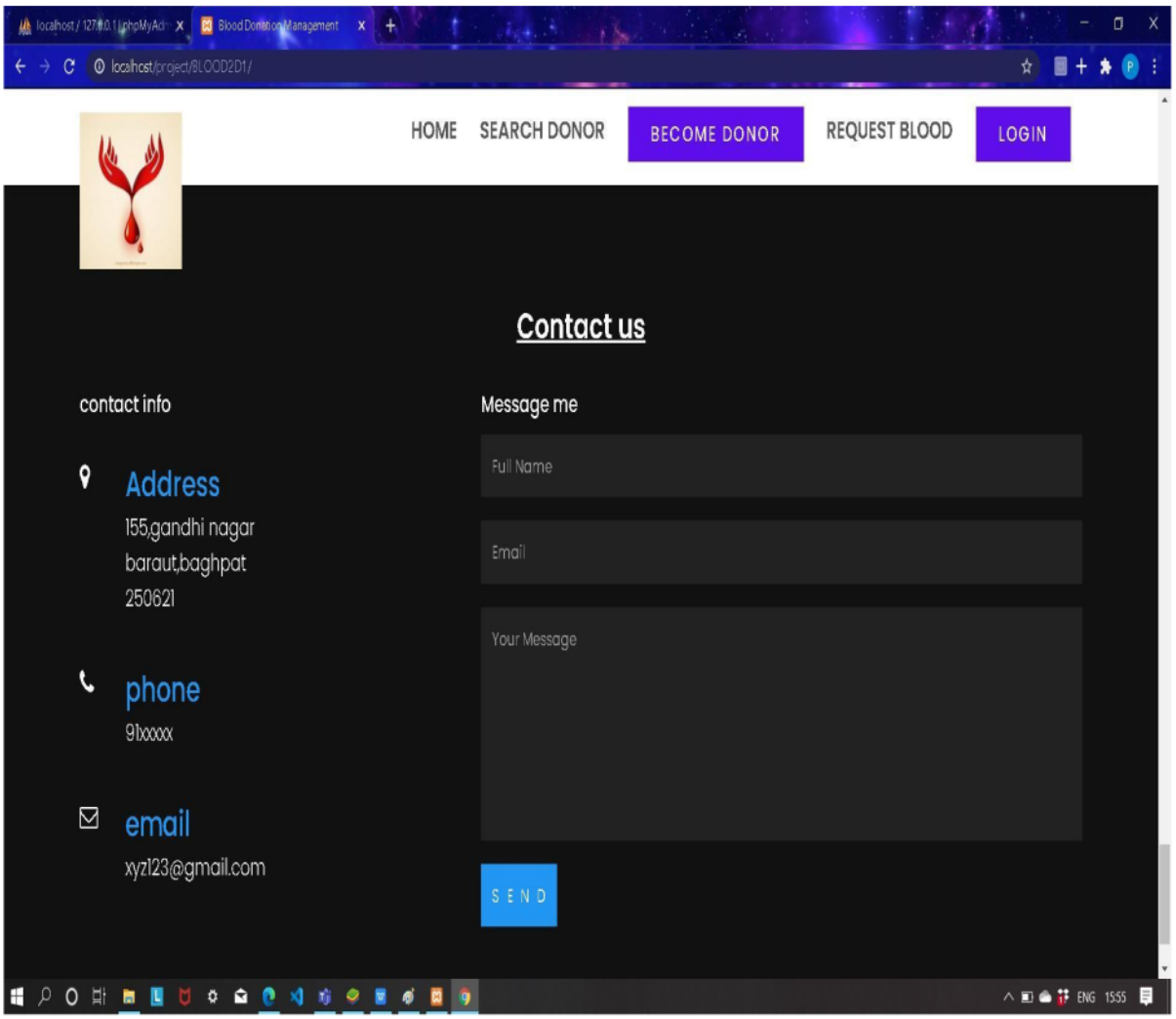
							BARAUT DISTT BAGHPAT					
27	pawan kumar	MALE	1000-10-28	O+	50	YES	VPO BAOU TEH BARAUT DISTT BAGHPAT	baoli	Mumbai	250621	8630048539	shivi217
28	pawan kumar	MALE	1000-10-28	O+	50	YES	VPO BAOU TEH BARAUT DISTT BAGHPAT	baoli	Mumbai	250621	8630048539	shivi217
29	pawan kumar	MALE	1000-10-28	O+	50	YES	VPO BAOU TEH BARAUT DISTT BAGHPAT	baoli	Mumbai	250621	8630048539	shivi217
30	pawan kumar	MALE	1000-10-28	O+	50	YES	VPO BAOU TEH BARAUT DISTT BAGHPAT	baoli	Mumbai	250621	8630048539	shivi217
31	PARAS JAIN	MALE	1222-10-28	A1+	50kg	YES	Mumbai	baoli	Mumbai	411004	8630048539	jparas3

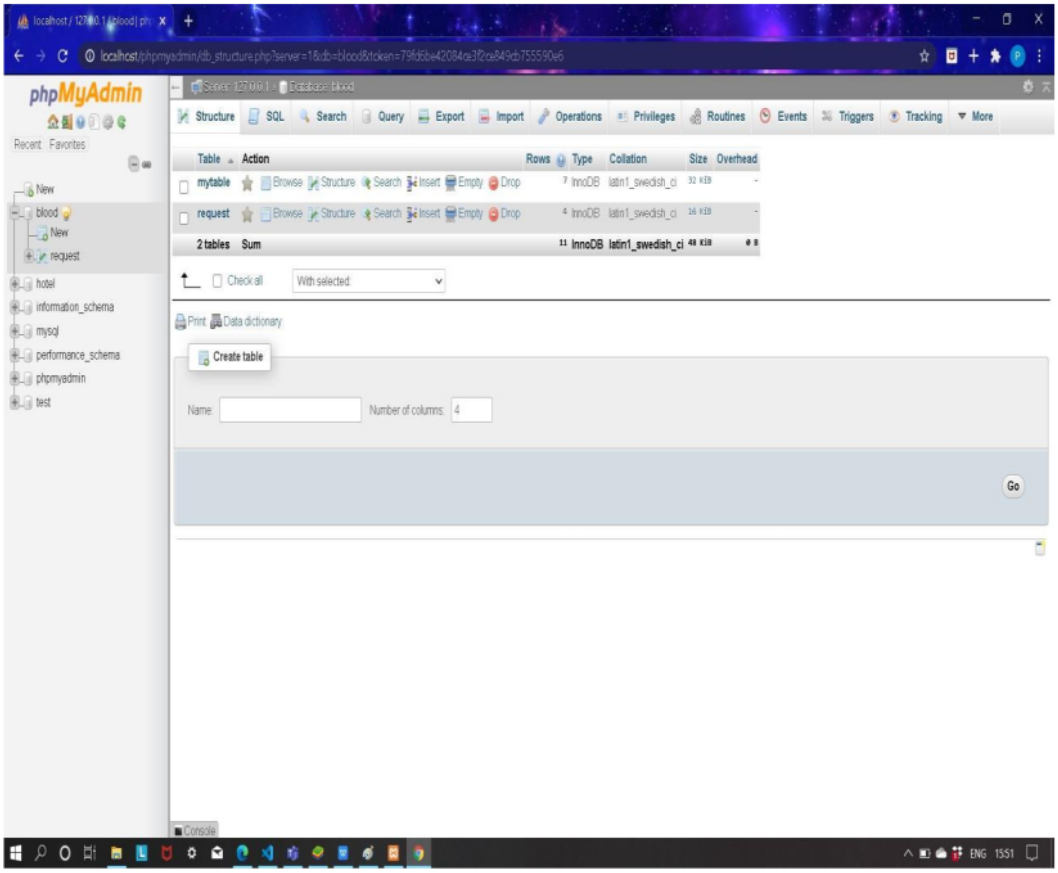

localhost/ 127.0.0.1/blood/ m
Blood Donation Management
localhost/project/BLOOD2D1/login1.php
HOME
SEARCH DONOR
BECOME DONOR
BLOOD BANK
LOGIN
Username:
Enter username
Please fill out this field.
Password:
Enter password
Please fill out this field.
I agree on term condition
Check this checkbox to continue
Submit
O
B
ENG 15:59

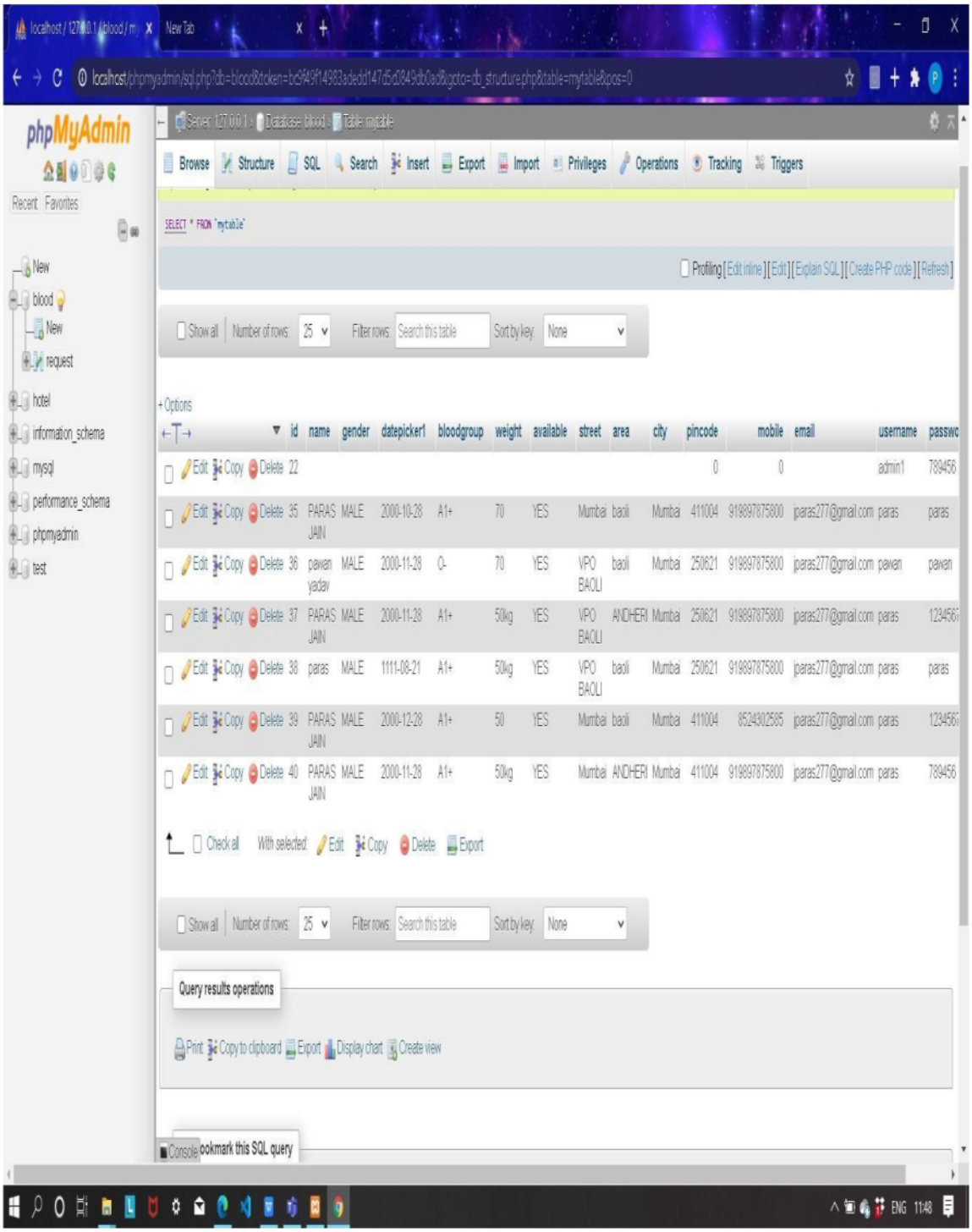

Sign in to your account
Blood Bank Management System
localhost / 127.0.0.1 | phpMyAdm
Blood Donation Management
localhost/project/BLOOD2D1/home.php
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
Logout
User Detail
ID
Name
Gender
DOB
BloodGroup
Weight
Willing to donate Plasma
Street
Area
City
Pincode
Mobile
Email
31
PARAS JAIN
MALE
1222-10-28
A1+
50kg
YES
Mumbai
baoli
Mumbai
411004
8630043539
jjparas27
Edit Profile
Delete Profile
ENG
1532


Sign in to your account
Blood Bank Management System
localhost / 127.0.0.1 | phpMyAdm
Blood Donation Management
localhost/project/BLOOD2D1/home.php
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
Logout
User Detail
ID
Name
Gender
DOB
BloodGroup
Weight
Willing to donate Plasma
Street
Area
City
Pincode
Mobile
Email
31
PARAS JAIN
MALE
1222-10-28
A1+
50kg
YES
Mumbai
baoli
Mumbai
411004
8630043539
jjparas27
Edit Profile
Delete Profile
O
B
ENG
1532


localhost/project/BLOOD2D1/regis.php
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
LOGIN
Donor Registration
Name
Enter Name
Gender
MALE
Date of Birth
dd-mm-yyyy
Blood Group
AI+
Weight
Enter weight
Covid-19 recovered warrior (Willing to donate Plasma)
YES
Street
Enter street
Area
Enter area name
City
Mumbai
Pincode
Enter pincode
Mobile
Enter mobile
E-mail
Enter email
Username
Enter username
Password
Enter Password
Register


localhost/project/BLOOD2D1/
HOME
SEARCH DONOR
BECOME DONOR
REQUEST BLOOD
LOGIN
Contact us
contact info
Address
155,gandhi nagar
baraut,baghpat
250621
phone
91xxxxx
email
xyz123@gmail.com
Message me
Full Name
Email
Your Message
SEND

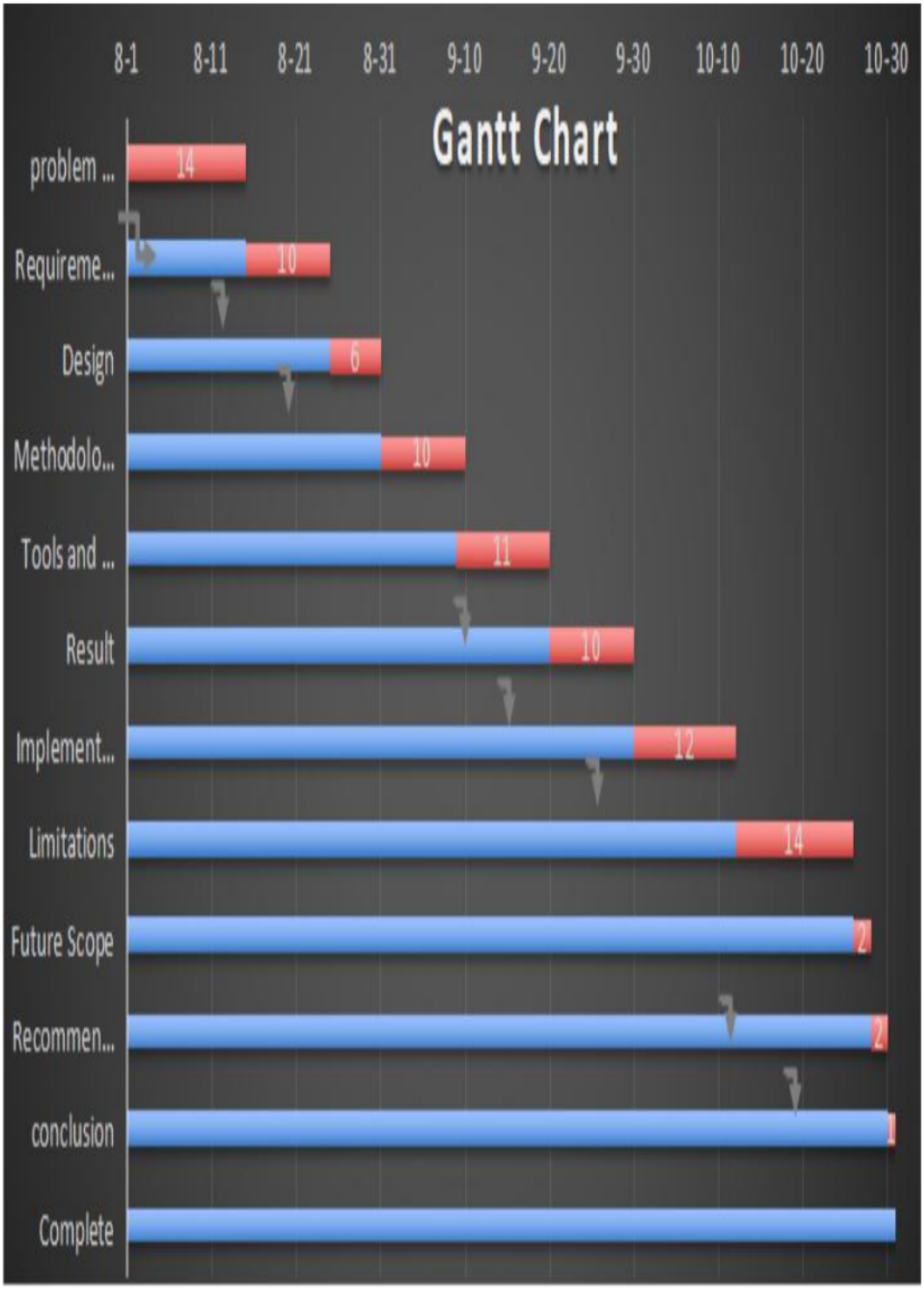

phpMyAdmin
Recent Favorites
New
blood
New
request
hotel
information_schema
mysql
performance_schema
phpmyadmin
test
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking More
Table Action Rows Type Collation Size Overhead
mytable Browse Structure Search Insert Empty Drop 7 InnoDB latin1_swedish_ci 32 KiB -
request Browse Structure Search Insert Empty Drop 4 InnoDB latin1_swedish_ci 16 KiB -
2 tables Sum 11 InnoDB latin1_swedish_ci 48 KiB
Check all With selected:
Print Data dictionary
Create table
Name: Number of columns: 4
Go
Console


phpMyAdmin
Recent Favorites
New
blood
New
request
hotel
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1 » Database: blood » Table: mytable
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
SELECT * FROM `mytable`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
id name gender datepicker1 bloodgroup weight available street area city pincode mobile email username passwo
Edit Copy Delete 22 0 0 admin1 789456
Edit Copy Delete 35 PARAS JAIN MALE 2000-10-28 A1+ 70 YES Mumbai baoli Mumbai 411004 919897875800 jparas277@gmail.com paras paras
Edit Copy Delete 36 pawan yadav MALE 2000-11-28 O- 70 YES VPO BAOLI baoli Mumbai 250621 919897875800 jparas277@gmail.com pawan pawan
Edit Copy Delete 37 PARAS JAIN MALE 2000-11-28 A1+ 50kg YES VPO BAOLI ANDHERI Mumbai 250621 919897875800 jparas277@gmail.com paras 1234567
Edit Copy Delete 38 paras MALE 1111-08-21 A1+ 50kg YES VPO BAOLI baoli Mumbai 250621 919897875800 jparas277@gmail.com paras paras
Edit Copy Delete 39 PARAS JAIN MALE 2000-12-28 A1+ 50 YES Mumbai baoli Mumbai 411004 8524302585 jparas277@gmail.com paras 1234567
Edit Copy Delete 40 PARAS JAIN MALE 2000-11-28 A1+ 50kg YES Mumbai ANDHERI Mumbai 411004 919897875800 jparas277@gmail.com paras 789456
Check all With selected: Edit Copy Delete Export
Query results operations
Print Copy to clipboard Export Display chart Create view
Console
Bookmark this SQL query

STAKEHOLDER

Patients in need for blood: Patient who are in need of blood can easily take benefit of our application.

Hospitals : hospitals often require blood for transfusion and our application can make there work easier.


Gantt Chart
8-1
8-11
8-21
8-31
9-10
9-20
9-30
10-10
10-20
10-30
problem ...
Requireme...
Design
Methodolo...
Tools and ...
Result
Implement...
Limitations
Future Scope
Recommen...
conclusion
Complete
14
10
6
10
11
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12
14
2
2
1

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W3Schools Online Web Tutorials used for learning how to connect database to our website

CONCLUSION

Today the world is become a global village where every thing is online.

There are so many web based solutions provided in the marked for the comfort of the people.

But without blood human being is non living,just by providing the web solution of blood bank management info. System is just one more step in order to serve the mankind.

Mini Project_Report

ORIGINALITY REPORT

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Exclude quotes	On	Exclude matches	< 4 words
Exclude bibliography	On		