

*A Project Presentation on
Blood Bank Management System
Under Taken At*

:-SUBMITTED TO:-



College Of Computer & Management Studies, Vadu

:-UNDER THE GUIDENCE OF:-

Santoshi Senguntuhar

:-SUBMITTED BY:-

Chauhan Amit

Krushang Parekh

PROJECT OBJECTIVES

- *The main Objective of the project is to design and develop the online site which enables the user to make the Send Request To blood,Blood Donation etc..*
- *This Softwere helps hosptial to find Blood Management.*
- *It is designed such a way that one can view Blood Bank Management System.*
- *The software will helps is easy maintaining Different type of blood In Blood Bank.*

INTRODUCTION

- *The Project is aimed at developing a Web application that depends in Blood Bank Management System.*
- *Using this software,hospital & Blood Bank can improve the efficiency of their services.*
- *Blood Bank Management System is one of the web applications to improve the Patient blood requirement for hospital & Blood Bank.*
- *This web applicaton involves all the features of the Blood Management in hospital & Blood Bank.*

About Project

- **The BLOOD BANK MANAGEMENT SYSTEM is great project. this project is designed for successful completion of project on blood bank management system, the basic building aim is to provide blood donation service to the city recently.**
- **Blood Bank Management System (BBMS) is a browser based system that is designed to store, process, retrieve and analyse information concerned with the administrative and inventory management within a blood bank.**
- **This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and help them manage in a better way.**
- **Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective.**

Existing System

- Bank blood donation system in java is planned to collect blood from many donators in short from various sources and distribute that blood to needy people who require blood.
- Blood Bank Management System (BBMS) is a browser based system that is designed to store, process, retrieve and analyse information concerned with the administrative and inventory management within a blood bank.
- This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and help them manage in a better way
- Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective.

PROJECT PROFILE

Project Title:-	Blood Management System
Front End:-	PHP,HTML,Javascript
Back And:-	MY SQL Server
Operating System:-	Window 10

PREFERABLE
HARDWARE
REQUIREMENT

PREFERABLE HARDWARE REQUIREMENT

Hardware Requirement(Devloper' s side)	
PROCESSOR	Minimum Intel i3
RAM	1 GB RAM or Higher
HDD	500 GB HDD or higher
MONITOR	17" VGA

Hardware Requirements (User's side)	
PROCESSOR	Pentium II&Iv
RAM	1 GB RAM or Higher
HDD	250 GB HDD or higher
MONITOR	17" VGA

PREFERABLE
SOFTWARE
REQUIREMENT

PREFERABLE SOFTWARE **REQUIREMENT**

Software Requirements (Developer's side)	
Operating System	Microsoft Window 10
Front End	Notepad ++ & Any Other Editor
Back End	MS SQL Server Xamp Apache

Software Requirements (User's side)	
Operating System	Microsoft Window 10
Back End	MS SQL Server Xamp Apache

Module

1.Admin

2.Donar Registration

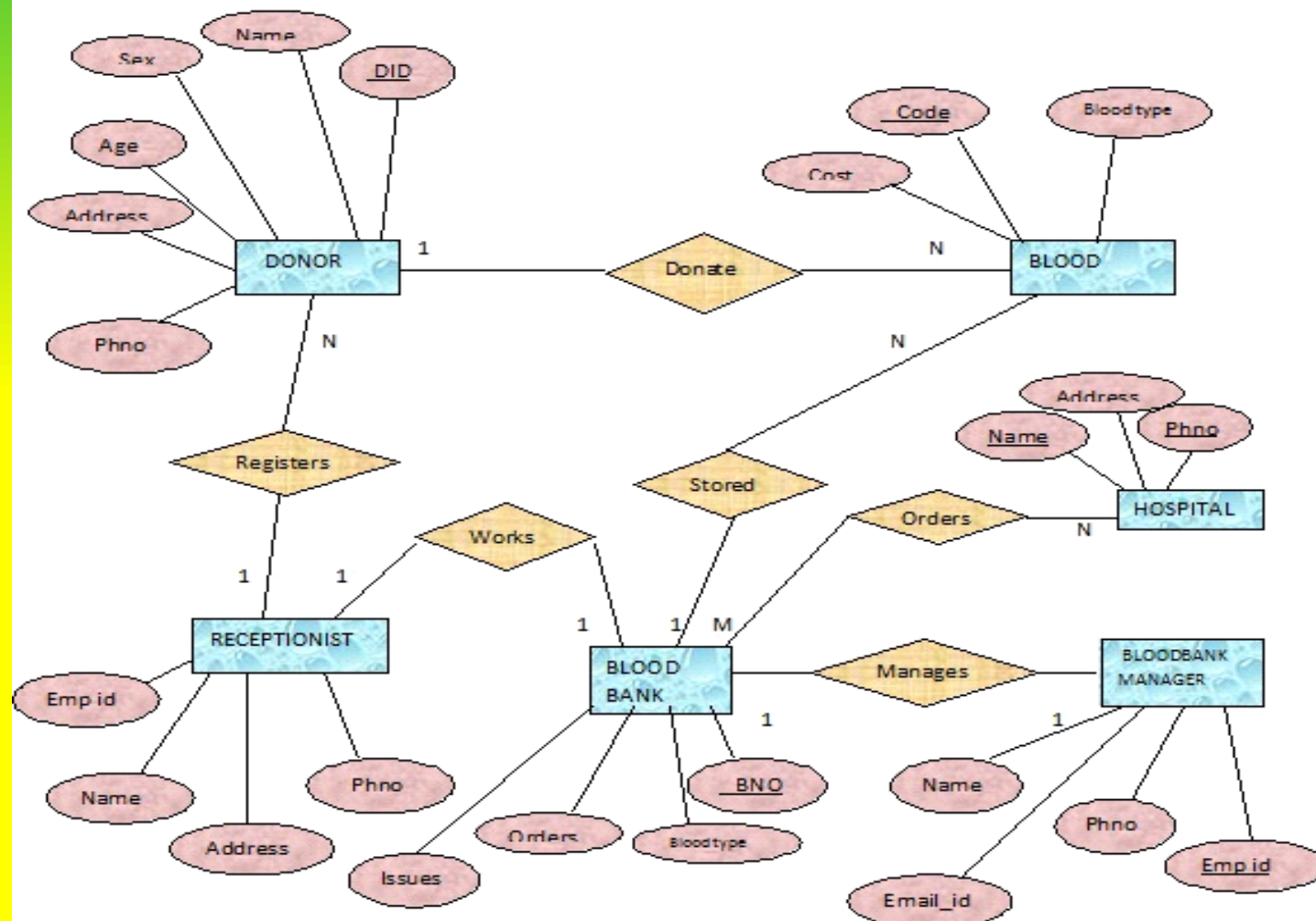
3.Send Reguest For Blood

4.User Login

5.Search Blood

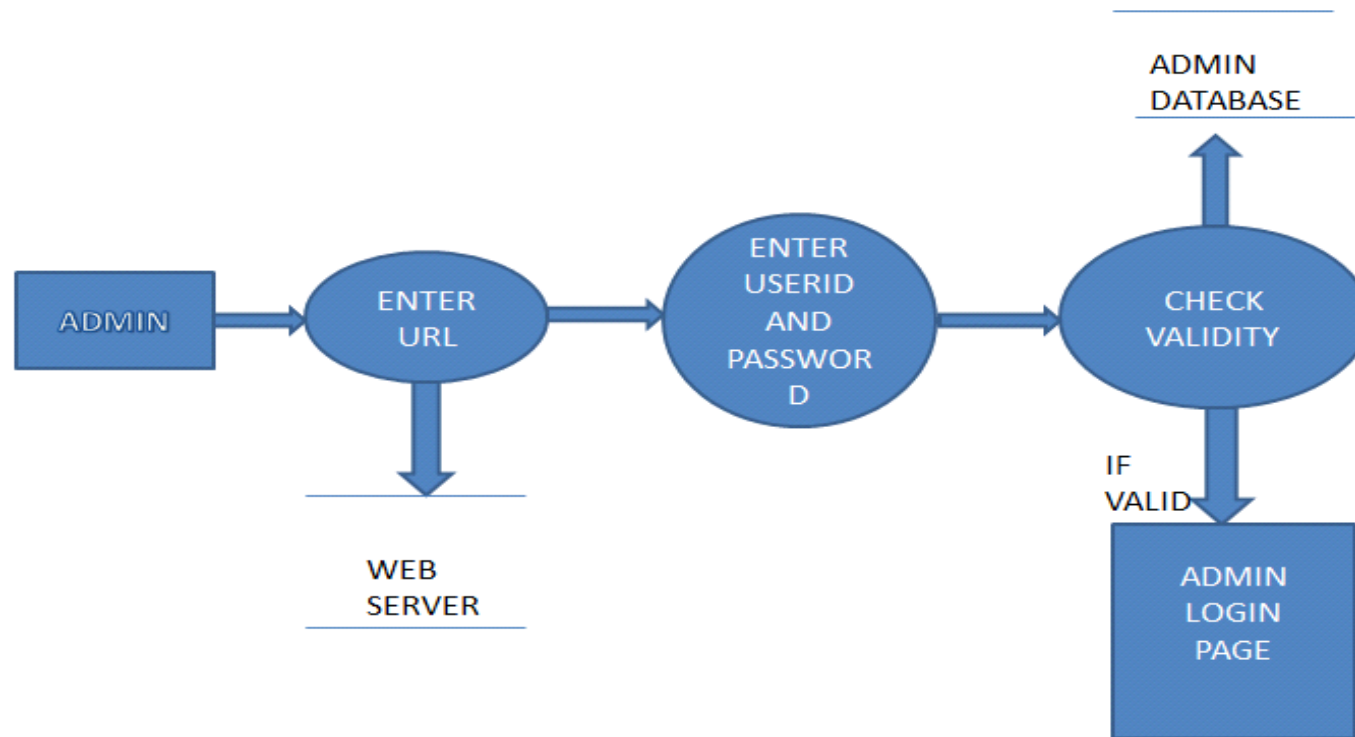
E.R. DIAGRAM

THE COMPLETE ER- DIAGRAM

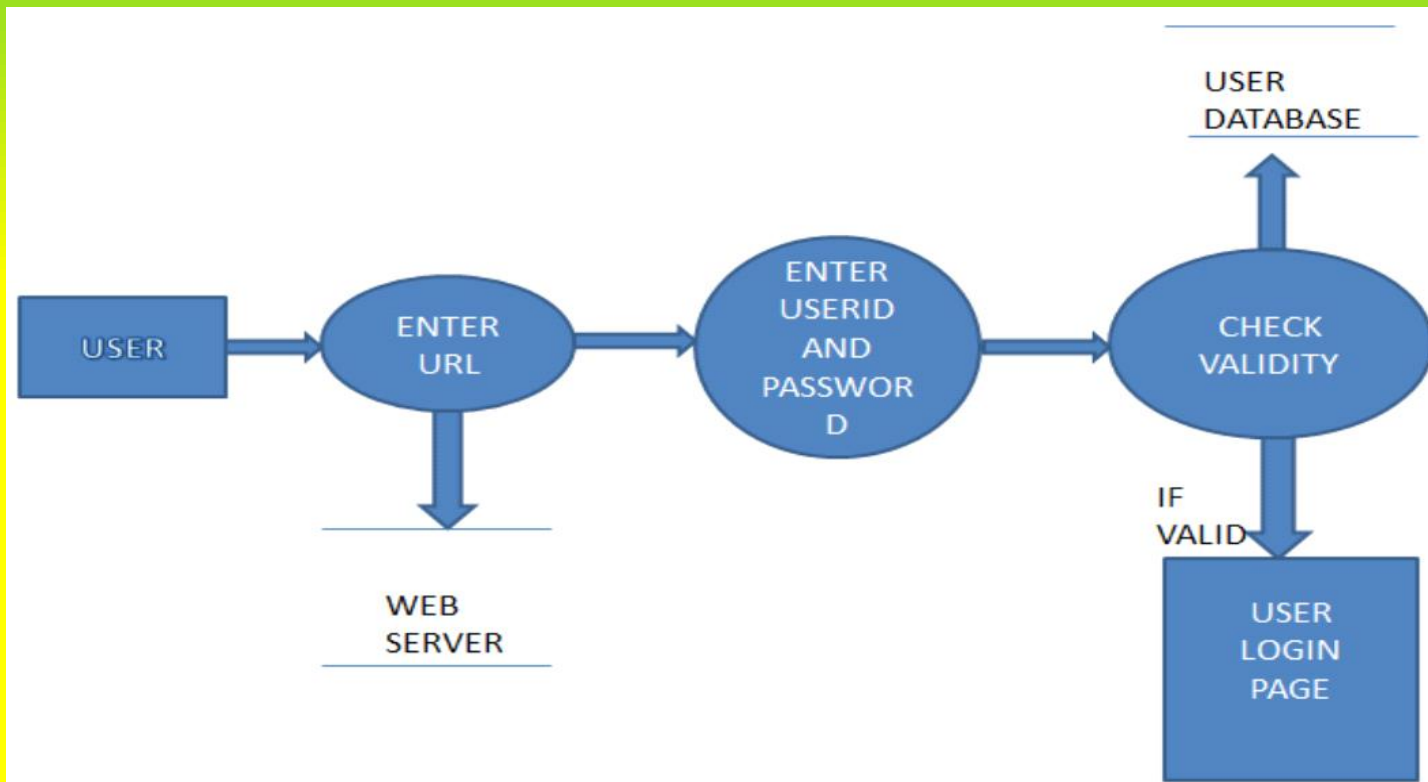


DATA FLOW **DIAGRAM**

Admin Login

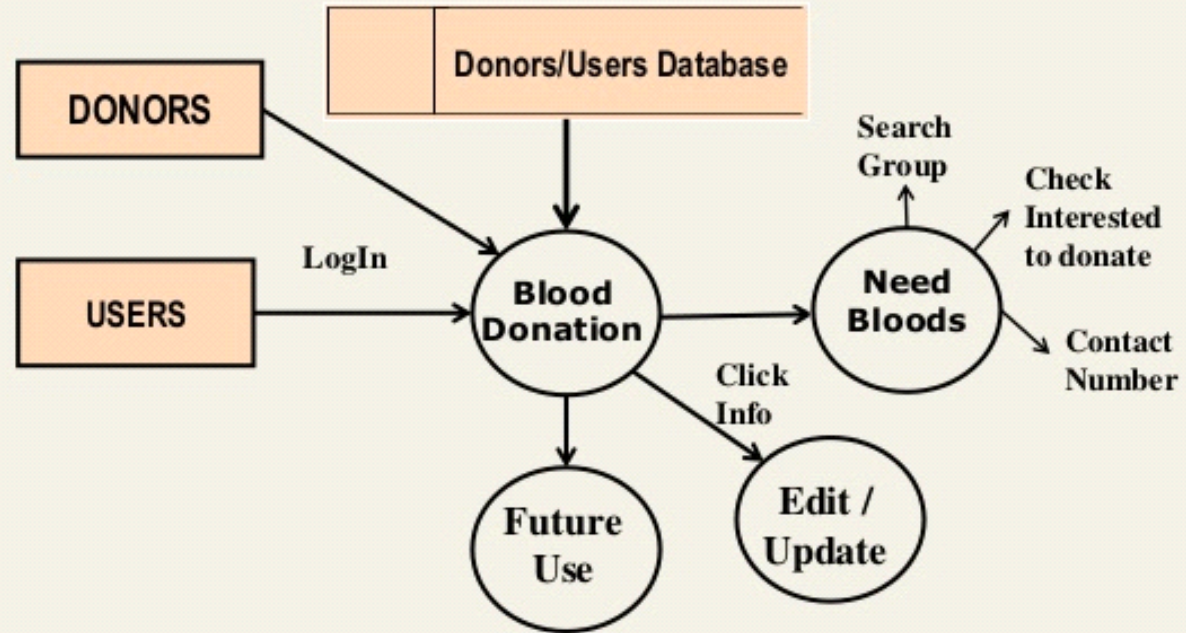


User Login



Data Flow Diagram

Diagram2 [Blood Donation process]



DATA DICTIONARY

List Of Table Name

- 1. Advertisement**
- 2. Blood Group**
- 3. Camp**
- 4. City**
- 5. Contacts**
- 6. Donar Registration**
- 7. Donation**
- 8. Gallery**
- 9. News**
- 10. Requests**
- 11. State**
- 12. User**

Table Name Advertisement			
Field name	Data type	Constraint	Description
Adv_id	Int(100)	Primary Key	Advertisement Id
Camp_title	Varchar(100)	Not Not	Campinas Title
Org_by	Varchar(100)	Not Null	Organize Name
Pic	Varchar(700)	Not Null	Image
detail	Varchar(900)	Not Null	For Details
Table Name Blood Group			
bg_id	Int(100)	Primary Key	Blood Group Id
bg_name	Varchar(100)	Not Null	Blood Group Name
Table Name Camps			
camp_id	Int(100)	Primary Key	Camp id
camp_title	Varchar(500)	Not Null	Camp Name
Organised_by	Varchar(500)	Not Null	Organised Name
State	Int(100)	Not Null	State Name
City	Int(100)	Not Null	City Name
pic	Varchar(900)	Not Null	Image
Detail	Varchar(1000)	Not Null	Details

Table Name City			
Field name	Data type	Constraint	Description
city_id	Int(100)	Primary Key	City Id
city_name	Varchar(100)	Not Null	City Name
pin_code	Varchar(100)	Not Null	Pincode
district	Varchar(100)	Not Null	District Name
State	Int(100)	Not Null	State Name
Table Name Contact			
row_id	Int(100)	Primary Key	Row id
name	Varchar(100)	Not Null	Name
email	Varchar(100)	Not Null	Email
mobile	Varchar(100)	Not Null	Mobile No
subj	Varchar(700)	Not Null	Subject

Table Name Donor Registration			
Field name	Data type	Constraint	Description
donar_id	Int(100)	Primary Key	Donar Id
name	Varchar(100)	Not Null	Name
gender	Varchar(100)	Not Null	Gender
age	Varchar(100)	Not Null	Age
mobile	Varchar(100)	Not Null	Mobile No
b_id	Int(100)	Not Null	Blood Group
email	Varchar(100)	Not Null	Email Address
pwd	Int(100)	Not Null	Password
pic	Varchar(100)	Not Null	Image
Table Name Donation			
donation_id	Int(100)	Primary Key	Donation Id
camp_id	Int(100)	Not Null	Camp Id
ddate	Datetime	Not Null	Donation Date
units	Int(100)	Not Null	Units
detail	Varchar(800)	Not Null	Details
email	Varchar(100)	Not Null	Email Address

Table Name Gallery			
Field name	Data type	Constraint	Description
camp_id	Int(100)	Not Null	Canp Id
pic_id	Int(100)	Primary Key	Picture Id
title	Varchar(400)	Not Null	Title Name
pic	Varchar(800)	Not Null	Image
Table Name News			
news_id	Int(100)	Primary Key	News Id
title	Varchar(100)	Not Null	Title Name
detail	Varchar(900)	Not Null	Details
Table Name Requests			
req_id	Int(100)	Primary Key	Request ID
name	Varchar(100)	Not Null	Name
gender	Varchar(100)	Not Null	Gender
age	Varchar(100)	Not Null	Age

Field name	Data type	Constraint	Description
mobile	Varchar(100)	Not Null	Mobile No
email	Varchar(100)	Not Null	Email Address
bgroup	Int(100)	Not Null	Blood Group
reqdate	Datetime	Not Null	Request Date
detail	Varchar(500)	Not Null	Details
Table Name State			
state_id	Int(100)	Primary Key	State ID
state_name	Varchar(100)	Not Null	State Name
Table Name User			
username	Varchar(100)	Not Null	User Name
pwd	Varchar(100)	Not Null	Password
typeofuser	Varchar(100)	Not Null	Type Of User

SCREEN SHOTS

User Side

1. Home Page
2. Donor Registration Page
3. Send For Blood Request Page
4. View Request Page
5. Campinas Page
6. Login Page
7. Search Page
8. Contact Us Page
9. About Page

[Home](#)[Donor Registration](#)[Send Request](#)[View Request](#)[Camps](#)[Log In](#)[Search](#)[Contact Us](#)[About](#)

Blood is universally recognized as the most precious element that sustains life. It saves innumerable lives across the world in a variety of conditions. The need for blood is great - on any given day, approximately 39,000 units of Red Blood Cells are needed. More than 29 million units of blood components are transfused every year. Donate Blood Despite the increase in the number of donors, blood remains in short supply during emergencies, mainly attributed to the lack of information and accessibility. We positively believe this tool can overcome most of these challenges by effectively connecting the blood donors with the blood recipients.



Donor Registration



Donor Name:

Gender ☒ Male ☐ Female

Age

Mobile No

Blood Group

E-Mail

Password

Confirm Password

Uplode Pic No file chosen

Requests For Blood

Name:

Gender ☒ Male ☐ Female

Age

Mobile No

Select Blood Group

E-Mail

Till Required Date

Detail

Submit



SAVE LIFE

Home

Donor Registration

Send Request

View Request

Camps

Log In

Search

Contact Us

About

Requests For Blood

Blood Group	Name	Gender	Contact No	Mobile No	Email	Till Required Date
7	Amit Chauhan	Male	22	7990596833	amitharidwarchauhan@gmail.com	25
8	Krushang Parekh	Male	20	9054800210	krushangparekh999@gmail.com	1
9	Rahul Nadiya	Male	21	9328521935	rahulnadiya1811@gmail.com	10

Home

Donor

log In

About

Contact Us

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Camps

Kalol Institute Management Studies



[View Camp Gallery](#)

Organised By:KIRC Management

State:Gujarat

City:Kalol

KIRC Management

VJKM Vadu



[View Camp Gallery](#)

Organised By:VJKM Management

State:Gujarat

City:Vadu Mahesana

VJKM Management

DONOR Log In



E-Mail

Password

Log In

Not A DONOR.? [Click here](#) to REGISTER.



Select Blood Group

Select ▼

Please select an item in the list.

Search



Select Blood Group

Select ▼

Please select an item in the list.

Search

About Us

News Letter From The Founders



'Life Saver Blood Bank' is the first product resulted out of the community welfare initiative called 'People Project' from uSiS Technologies. Universally, 'Blood' is recognized as the most precious element that sustains life. It saves innumerable lives across the world in a variety of conditions. Once in every 2- seconds, someone, somewhere is desperately in need of blood. More than 29 million units of blood components are transfused every year. The need for blood is great - on any given day, approximately 39,000 units of Red Blood Cells are needed. Each year, we could meet only up to 1% (approx) of our nation's demand for blood transfusion.

Despite the increase in the number of donors, blood remains in short supply during emergencies, mainly attributed to the lack of information and accessibility. We positively believe this tool can overcome most of these challenges by effectively connecting the blood donors with the blood recipients. We remind every visitor that we have the empowerment to save lives and let's do that –

right now, right here. If you are eligible for blood donation, please register yourself as a blood donor now!

We also take this opportunity to thank our whole team for all your ideas, commitment and hard-ship in making this dream a reality. We would also like to thank our friends and well-wishers for all your support and encouragement throughout this project. It is now reasonably safe to say that together we have made this society a slightly better and safer place to live.

Thank you and Happy Blood donating!

Abu Sithik
Heman Duraiswamy
Surendar Ram

Promoters,
Blood Bank India.



**You Don't Have
To Be A Doctor
To Save Lives**



Just Donate Blood

Admin Side

1. Admin Panel
2. Add User, Update User & Delete User
3. Add City, Update City & Delete City
4. Add State, Update State & Delete City
5. Add Camps, Update Camps & Delete Camps
6. Add Blood Grp, Updated Blood Grp & Delete Blood Group
7. Add Gallery & Delete Gallery
8. Add News & Delete News
9. Add Advertisement & Delete Advertisement
10. View City, View State, View Advertisement, View News, View Blood Grp & View Camps

Admin Links

- [Add User](#)
- [Update User](#)
- [Delete User](#)
- [Add City](#)
- [Update City](#)
- [Delete City](#)
- [Add State](#)
- [Update State](#)
- [Delete State](#)
- [Add Camp](#)
- [Update Camp](#)
- [Delete Camp](#)
- [Add Blood Group](#)
- [Update Blood Group](#)
- [Delete Blood Group](#)
- [Add Gallery](#)
- [Delete Gallery](#)
- [Add News](#)
- [Delete News](#)
- [Add Advertisement](#)
- [Delete Advertisement](#)
- [View City](#)
- [View State](#)
- [View Advertisement](#)
- [View News](#)
- [View Blood Group](#)
- [View camps](#)



Add User

User Name

Password

Confirm Password

Type Of User

Select

▼

SAVE

Update User

Select User Name

Select

▼

Show

Password

Confirm Password

Type Of User

Select

▼

UPDATE

DELETE USER

Select User Name

Select

▼

DELETE

Add City

City Name

Pin Code

District

State

Select ▼

SAVE

Update City

Select city

Select ▼

Show

City Name

Pin Code

District

State

Select ▼

UPDATE

Delete City

Select state

Select ▼

Show

Select City

Select ▼

DELETE

Add State

State Name

SAVE

Update State

Select State

▼

Show

State Name

UPDATE

DELETE

Select State

▼

DELETE

Add Camp

Camp Title

Organized By

State

City

Uplode Pic No file chosen

Detail

Update Camp

Select

Camp

Title

Organized

By

State

City

No file chosen

Old Pic

Uplode No file chosen

Pic

Detail

Delete Camp

Select

Camp

Add Blood Group

Blood Group Name

SAVE

Update Blood Group

Select Blood Group

Select

Show

Blood Group Name

UPDATE

DELETE

Select Blood Group

Select

DELETE

Add Camp Gallery

Select Camp

Select

Pic Title

Upload Pic

Choose File

No file chosen

SAVE

Delete Camp Gallery

Select Camp

Select

Show

Pic Title

Select

DELETE



Add News

News Title

Detail

SAVE

Delete News

News Title

Select

▼

DELETE



Add Advertisement

Camp Title

Organized By

Uplode Pic

Choose File

No file chosen

Detail

SAVE

Delete Advertisement

Camp Title

Select

DELETE

View cities		
City Id	City Name	
1	Gandhinagar	
4	faridabad	
7	jalandhar	
8	Amaravati	
9	Dispur	
10	Patna	
11	Raipur	
12	Chandigarh	
13	Ranchi	
14	Bengaluru	
15	Mumbai	
16	Kalol	
17	Vadu Mahesana	
18	Lucknow	

View States	
State Id	State Name
1	Punjab
2	Delhi
3	Andhra Pradesh
4	Bihar
5	Assam
6	Andhra Pradesh
7	Assam
8	Bihar
9	Chhattisgarh
10	Gujarat
11	Haryana
12	Jharkhand
13	Karnataka
14	Kerala
15	Maharashtra
16	Manipur
17	Uttar Pradesh

View Advertisement	
Advertisement Id	Advertisement Name
4	Ramgarhia Engg Collage

View News		
News Id	News Title	Detail
1	blood donate	give blood give bloodgive blood
2	blood bank	bloooooo

View Blood Group	
Blood Group Id	Blood Group Name
13	o+
14	o-
15	AB+
16	AB-
17	A+
18	A-
19	B+
20	B-

View camps		
camp Id	Camp Title	Organised By
10	Kalol Institute Management Studies	KIRC Management
11	VJKM Vadu	VJKM Management Lions Club
12	Guru Nanak College	
13	AJAY KUMAR GARG ENGINEERING COLLEGE	LIONS CLUB

Thank You