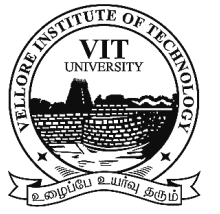




GROUP 122



VIT[®]
BHOPAL

BLOOD BANK MANAGEMENT SYSTEM

PROJECT EXHIBATION DSN-2098

TEAM MEMBERS



SIDDHARTH SHARMA

21BCE11062



ANUBHAV CHAURASIA

21BCE10879



HARSHIL PATEL

21BCE10943



KESHAV ANAND

21BCE10935



MAYUR BHOSALE

21BCE10895

CONTRIBUTION

1. SIDDHARTH SHARMA -> FRONTEND (HTML/CSS)
2. HARSHIL PATEL -> MARKETING IDEAS, CSS
3. KESHAV ANAND -> FRONTEND, DBM (PHP,PDO)
4. ANUBHAV CHAURASIA -> BACKEND (MySQL/PHP)
5. MAYUR BHOSALE -> DESIGN AND PRESENTATION WORK

रक्त संरक्षति



**What We
Could Expect**

Content and Topic Outline

1. Introduction.
 2. Goal.
 3. Hardware / Software Requirement
 4. Flowchart.
 5. Aims
 6. Contribution of each member
 7. Marketing
-



About our Project

INTRODUCTION

The Blood Bank Management System is a simple website written in PHP and PDO that aims to provide a well-organized blood management system to help hospitals find the right blood more quickly and efficiently in the event of an emergency.

This Blood Bank Management System plays an important role in collecting blood and monitoring blood stocks, as well as updating donations, and updating available blood types and exchange of blood.

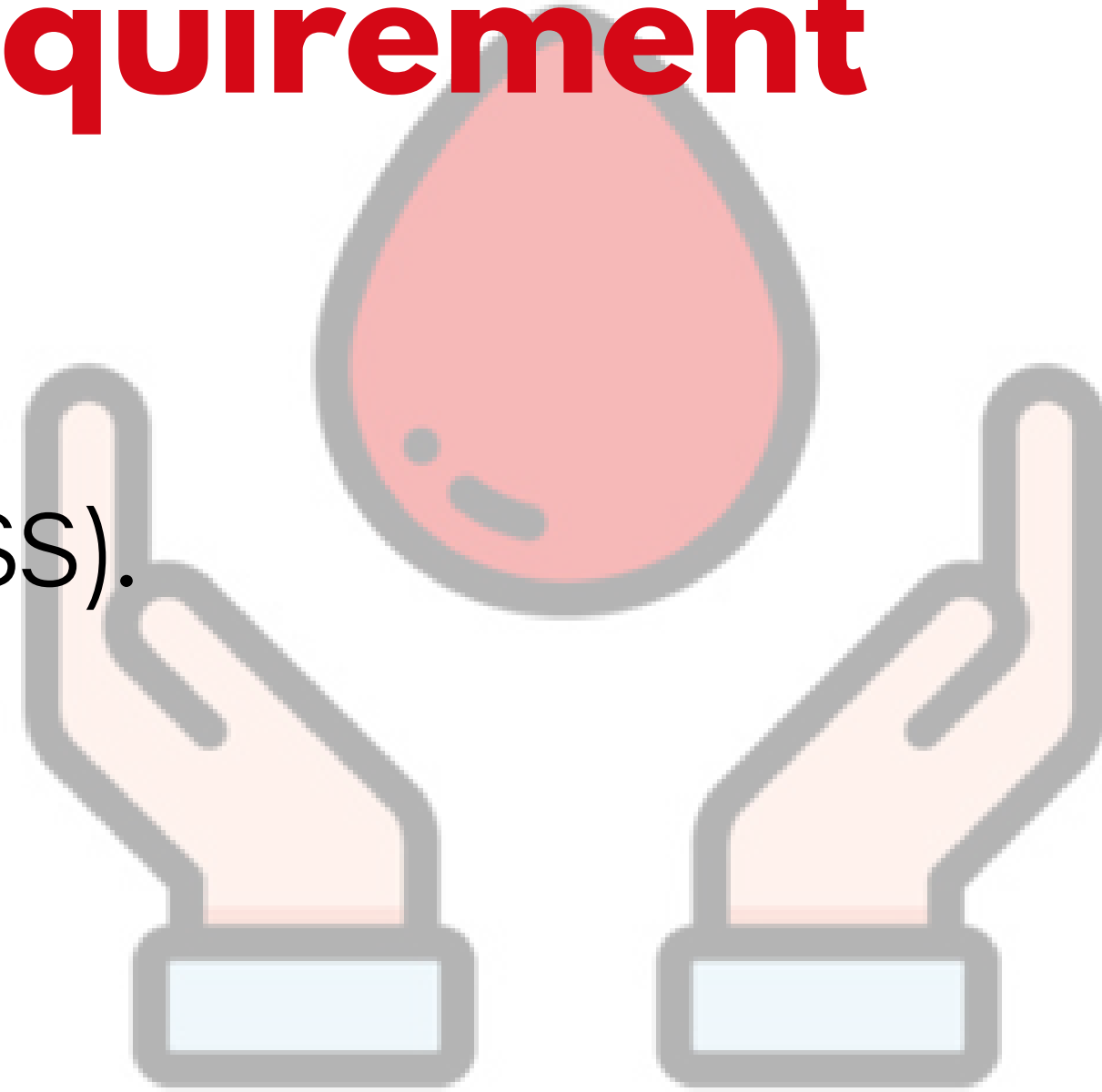
GOAL OF OUR PROJECT

In India, every year we require about 4 Crore units of blood, of which only a meagre 40 Lakh units of blood is readily available. Also, more than 1 million new people are diagnosed with cancer each year. Many of whom need blood, sometimes daily during chemotherapy treatment. Donating blood is donating the gift of life. Our goal of this project is to help with this problem with best of our abilities even if it helps just a little bit.

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Software Requirement

1. MySQL.
2. PHP, PDO
3. Frontend(HTML, CSS).
4. Xampp Server

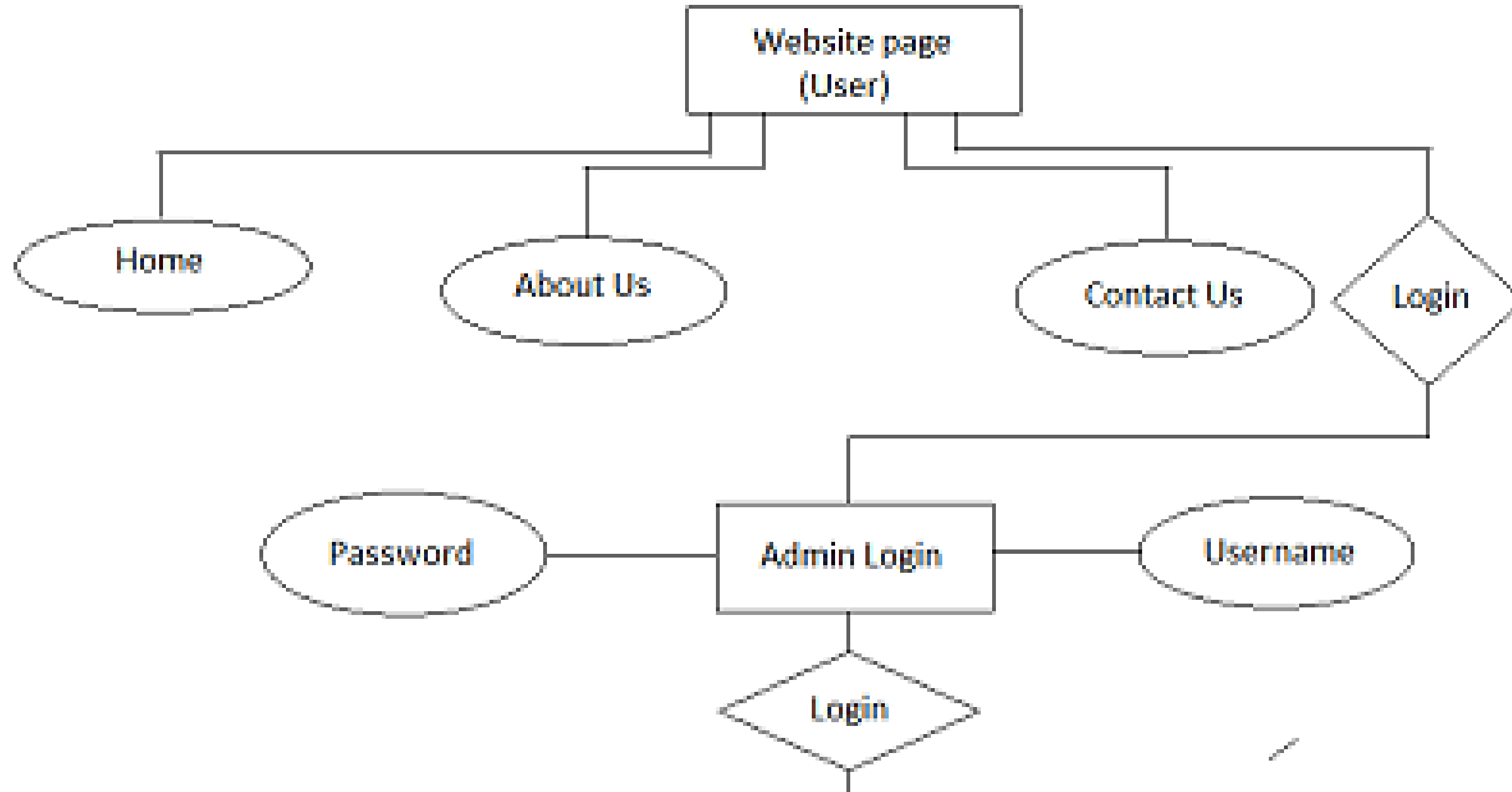


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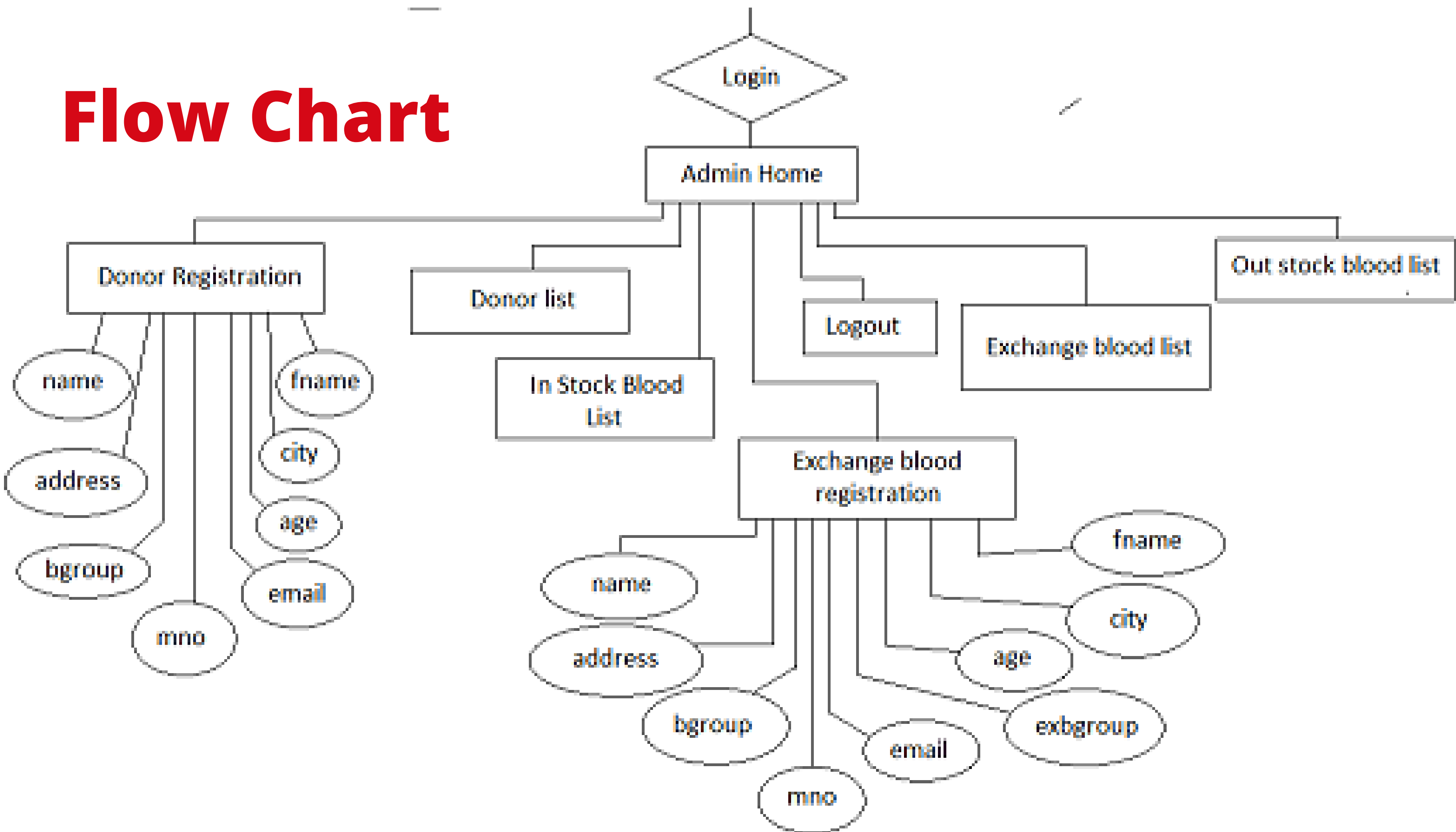
Real-time usage

- It is a secure database that allows the user to store and retrieve data more efficiently.
- To change anything in data one must need the access to localhost database.
- This website's data system can only be accessed through the localhost of the user's system.
- It allows the user to keep the stock in check.
- It helps with the conversation of the blood by allowing the user to see the "in-stock blood" and "out of the stock blood".
- To develop a scalable system.
- To be highly available

Flow Chart



Flow Chart



AIMS

- Our main aim is to sell this website to hospitals as an extension to their own website and database to handle the information.
- This product will allow the hospital a website which will advertise their blood donation arrangement.
- It will give hospital a more conserved database that only a specific person (decided by the hospital only) and admin can access.
- User friendly and easily accessible website.
- Easily understandable Database management.
- Easy access of data to admin or the specific user.

Connect People:-

01 Social Media Marketing

Social media platforms is effectively free and is a great way to get the word out about us and our product.

For example: Facebook, Youtube, Instagram, etc.

02 Email Marketing

Email marketing is a more effective way to get in contact with people who already engage with our website.

03 Internet Ads

There are plenty of online platforms which will display our advertisements. It allow us to display our offerings to highly-targeted audiences

For example: Google AdWords and Facebook Ads

Existing work with limitations

- Citizens who will visit the website will not be able to register any appointments to donate blood. We will be working on adding that in the future.
- The website accessible to citizens is not very engaging.
- The data added in the database cannot be changed by anyone other than the person who has access to the database. So , there are no room for mistakes made by the person registering the data.
- There is not much "citizen to hospital" online interaction through this website.
- Designing needs some work in the department of making the website more user friendly

Screenshots

Blood Bank Management System

Home

About us

Contact us

Login



Blood Bank

Doctor's information

Doctor's name	Mobile No	Address	Specialization
Demo name	7640935210	VIT Bhopal	MBBS

Screenshots

Blood Bank Mangement System

Enter Username

Enter Password

Group Project For Project Exhibition

Screenshots

Connect

Blood Bank Mangement System

Logout

Welcome Admin

Donor Registration

Donor List

In Stock Blood List

Out Stock Blood List

Exchange Blood Registration

Exchange Blood List

Group Project For Project Exhibition

Screenshots

Connect

Blood Bank Mangement System

Logout

Donor Registration

Enter Name	<input type="text"/>	Enter Father's Name	<input type="text"/>
Enter Address	<input type="text"/>	Enter City	<input type="text"/>
Enter Age	<input type="text"/>	Select Blood Group	<input type="text" value="O+"/>
Enter E-Mail	<input type="text"/>	Enter Mobile No	<input type="text"/>
<input type="button" value="Save"/>			

Database

Server: 127.0.0.1 » Database: mypro_bbms

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers

Filters

Containing the word:

	Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/>	admin	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	donor_registration	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	exchange_b	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/>	out_stock_b	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
	4 tables	Sum	6	InnoDB	utf8mb4_general_ci	64.0 KiB	0 B

⬆ ☐ Check all With selected:

Print Data dictionary

Server: 127.0.0.1 » Database: mypro_bbms » Table: admin

Browse Structure SQL Search Insert Export Import

✓ Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)

`SELECT * FROM `admin``

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

		id	uname	pass
<input type="checkbox"/>	Edit Copy Delete	0	admin	a123

⬆ ☐ Check all With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows:

Query results operations

Print Copy to clipboard Export Display chart Create view

Server: 127.0.0.1 » Database: mypro_bbms » Table: exchange_b

Browse Structure SQL Search Insert Export Import Privileges Operation

Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

```
SELECT * FROM `exchange_b`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	name	fname	address	city	age	email	mno	bgroup	ebgroup
<input type="checkbox"/>	6	harshil	kunal	Najafgadh	Delhi	20	akshay@gmail.com	60969669	AB+	O+

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Server: 127.0.0.1 » Database: mypro_bbms » Table: out_stock_b

Browse Structure SQL Search Insert Export Import

Showing rows 0 - 0 (1 total, Query took 0.0004 seconds.)

```
SELECT * FROM `out_stock_b`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	bname	name	mno
<input type="checkbox"/>	16	AB+	harshil	60969669

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Server: 127.0.0.1 » Database: mypro_bbms » Table: donor_registration

Browse Structure SQL Search Insert Export Import Privileges Operations

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT * FROM `donor_registration`
```

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

Extra options

	id	name	fname	address	city	age	bgroup	email	mno
<input type="checkbox"/>	20	Keshav	Santosh	Dwarka	Delhi	19	O+	ash.keshav41@gmail.com	9910688430
<input type="checkbox"/>	21	sidarth	nirmal	surat	surat	19	O+	sidarth@gmail.com	95696940
<input type="checkbox"/>	23	anubhav	nirmal	lucknow	lucknow	20	AB-	anubhav@gmail.com	35762497

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view



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