



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (AUTONOMOUS)

1

Department of CSE
Blood Connect
Batch-A14

Under the Guidance of:

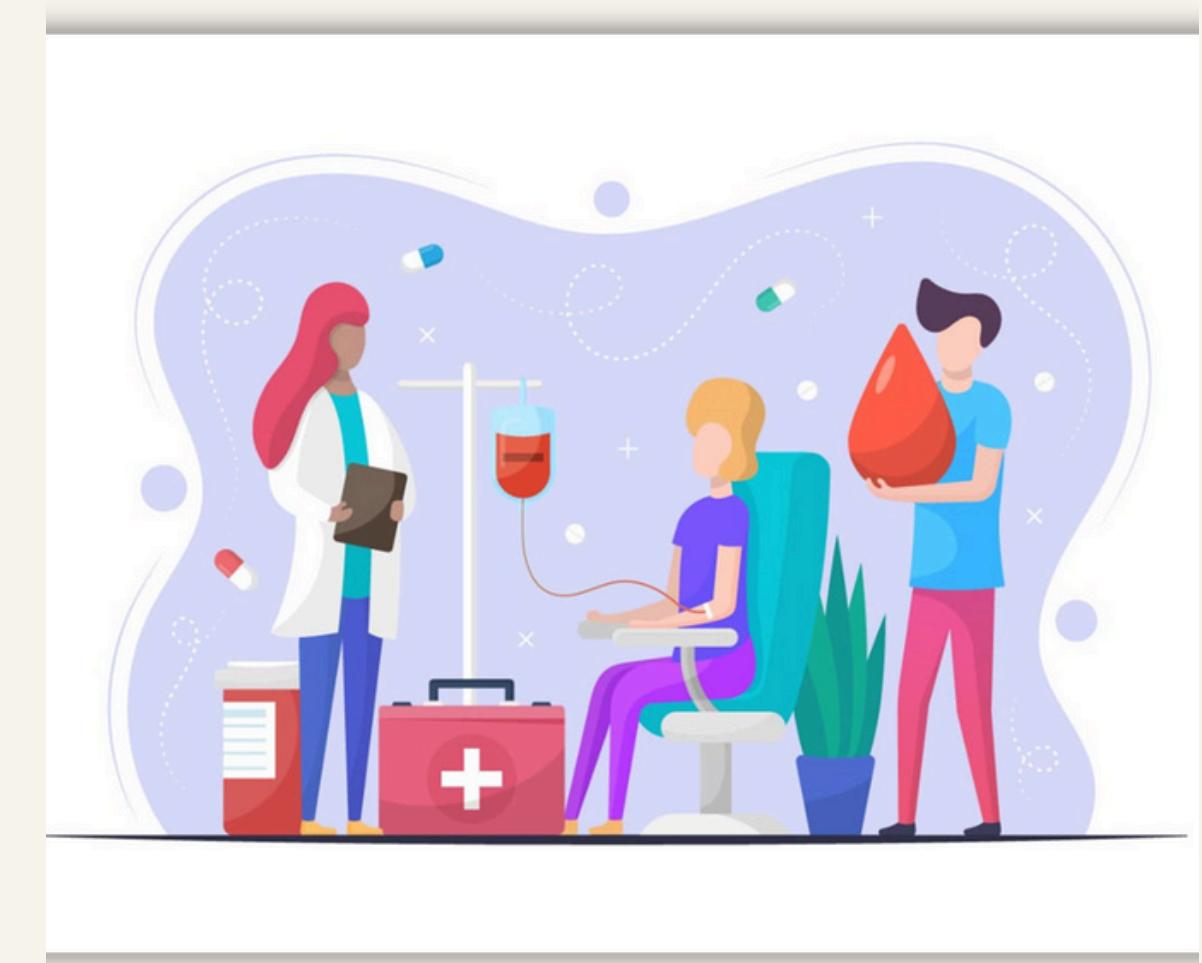
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INTRODUCTION

- To create an integrated platform that connects blood donors, receivers, blood banks, and organizers of blood donation camps to streamline and enhance the accessibility of blood donation and transfusion service.
- Addressing the challenges of finding compatible blood donors quickly.
- Providing a central database for blood banks and camps to improve coordination.



ABSTRACT



- Blood Connect is a web-based system designed to manage and connect individuals and organizations involved in blood donation. It includes functionalities for registering donors, managing receiver requests, integrating blood bank inventories, and promoting blood donation camps. The platform ensures efficient communication and resource sharing among people.

LITERATURE SURVEY

Existing Work:

- Traditional blood donation systems rely on manual processes and lack real-time updates.
- Current digital platforms have limitations like minimal user engagement, no integration of features like blood camps, or recognition for donors.
- There is a need for a unified platform connecting donors, receivers, and blood banks effectively.

Features in Blood Connect:

- Organizing Blood Donation Camps: Simplifies the process of finding and joining local blood donation drives.
- Donor Recognition Certificates: Acknowledges and motivates donors with digital certificates for their contributions.

REQUIREMENTS

Frontend Technologies:

HTML
CSS
JAVASCRIPT

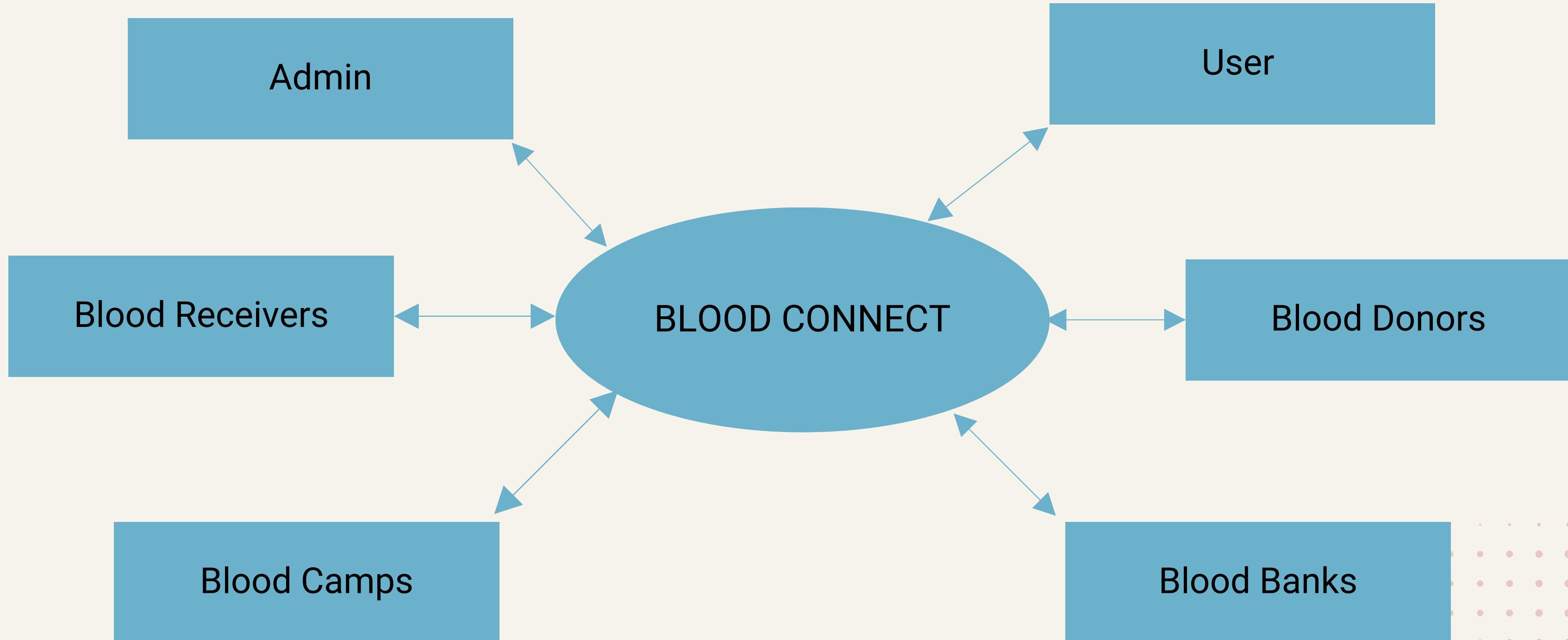
Backend Technologies:

PHP

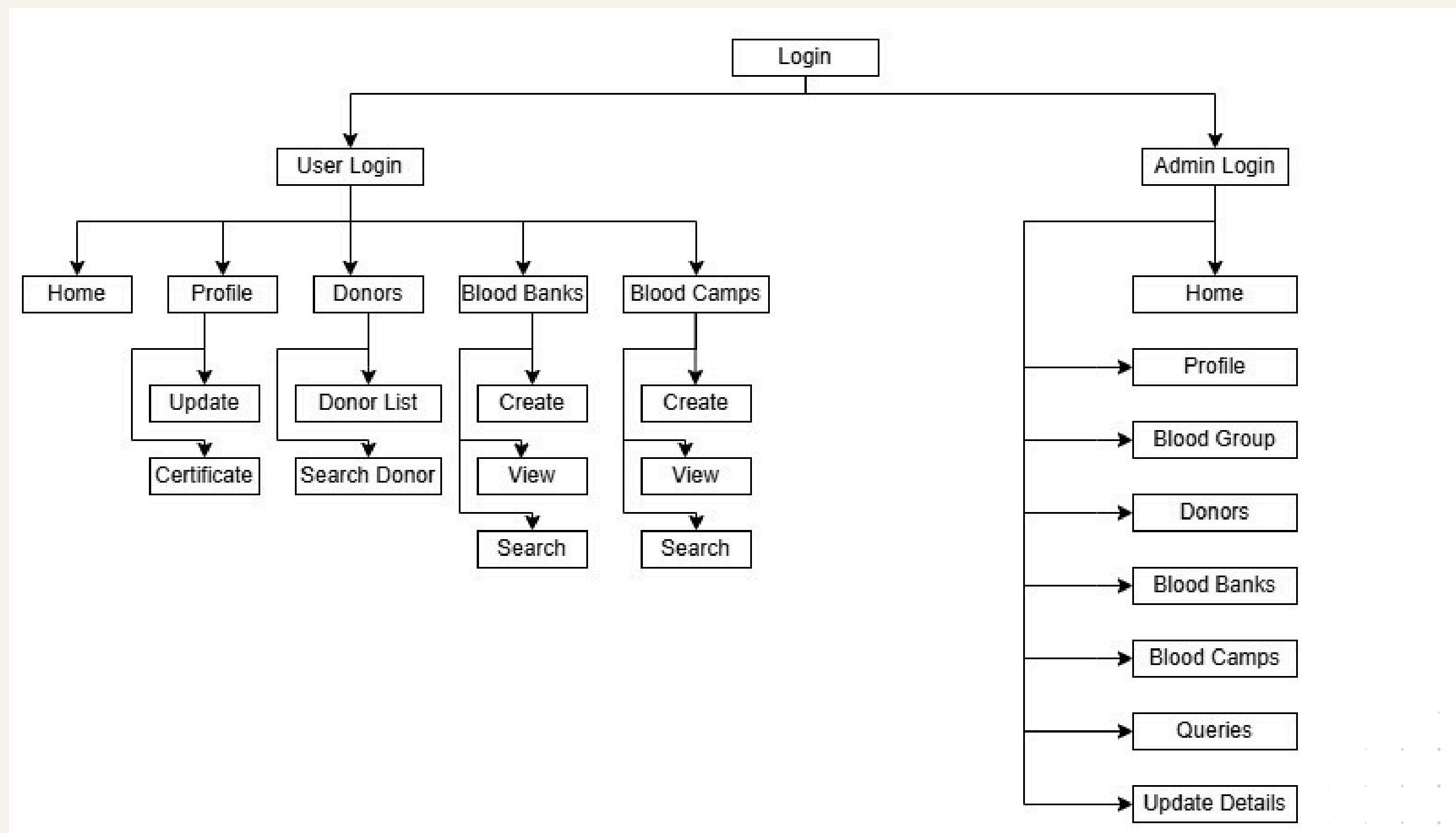
Database:

MySql

DESIGN



WORKFLOW



USER

Registration Form



Home About Us Contact Us Donors Blood Banks Blood Camps Admin [Login](#)

Register Now

Full Name

Mobile Number

Email Id

Age

Gender

Blood Group

Address

Message

Password

Login Form



Home About Us Contact Us Donors Blood Banks Blood Camps Admin [Login](#)

Home / Login

Login Now

Email ID

Password

[Login](#)

Don't have an account? [Create one now](#)

Home Page



Donor Certificate



REGISTRATION FORMS

Blood Banks

BBDMS

- Home
- About Us
- Contact Us
- Donors
- Blood Banks
- Blood Camps
- My Account

Blood Bank Name:

Blood Bank Head Name:

State:

District:

City:

Contact Number:

Blood Bank Email:

Remarks:

Blood Types Available:

A+ A- B+ B- O+ O- AB+ AB-

Add Blood Bank

Blood Camps

BBDMS

- Home
- About Us
- Contact Us
- Donors
- Blood Banks
- Blood Camps
- My Account

Blood Camp Registration

Organization Name * <input type="text"/>	Organization Type * <input type="text"/>
Organizer Name * <input type="text"/>	Organizer Mobile No * <input type="text"/> 1234567890
Organizer Email ID * <input type="text"/>	Co-Organizer Name * <input type="text"/>
Co-Organizer Mobile No * <input type="text"/> 1234567890	Camp Name * <input type="text"/>
Camp Address * <input type="text"/>	
Blood Bank * <input type="text"/>	Camp Proposed Date * <input type="text"/> dd-mm-yyyy
Start Time * <input type="text"/>	End Time * <input type="text"/>

VIEW PAGES

Viewing Blood Banks

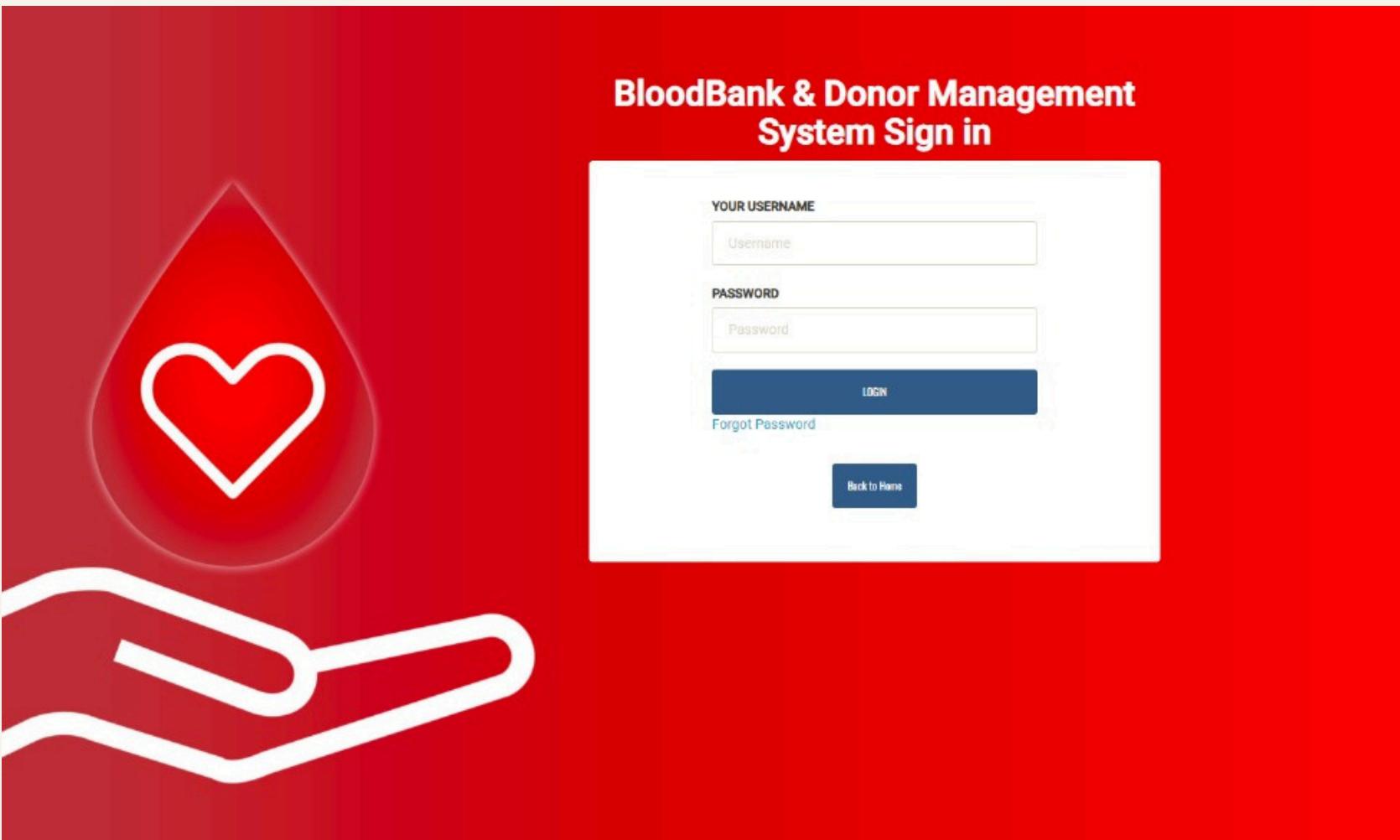
Blood Bank Name	Blood Bank Head Name	State	District	City	Contact Number	Email	Blood Types Available	Reviews
Srihari Blood Bank	Srihari	Andhra Pradesh	East Godavari	Rajahmundry	8978990898	sriharibb@gmail.com	B+,B-,O+	Nothing
Amrutha Blood Bank	Amurutha	Telangana	Hyderabad	Hyderabad	8394723893	amurthabb@gmail.com	A+,AB+,AB-	Nothing

Viewing Blood Camps

Organization Name	Organization Type	Organizer Name	Organizer Mobile No	Email	Co-Organizer Name	Co-Organizer Mobile No	Camp Name	Camp Address	Blood Bank	Date	Estimated Participants
Red Cross Society	NGO	John Smith	9876543210	john.smith@redcross.org	Emily Davis	8765432109	Blood Donation Camp	Community Hall, Green Park, New Delhi	New Delhi Blood Bank	2025-02-15	200
Helping Hands Foundation	Charity Organization	Rahul Verma	9123456789	rahul.verma@helpinghands.org	Sneha Sharma	8912345678	Blood Drive for a Cause	City Auditorium, Sector 12, Mumbai	Mumbai Central Blood Bank	2025-03-20	150

ADMIN

Sign In



Profile

Admin Profile

FORM FIELDS	
Admin Name	Admin
User Name	admin
Contact Number	8979555558
Email	admin@gmail.com
Admin Registration Date	2024-01-01 10:06:52

[Save changes](#)

Dashboard

ADMIN MODULES

Blood Info

BloodBank & Donor Management System

MAIN

- Dashboard
- Blood Group
- Donor List
- Blood Banks List
- Blood Camps List
- Manage Contactus Query
- Manage Pages
- Update Contact Info
- Blood Requests
- Search Blood Request

Dashboard

8 LISTED BLOOD GROUPS	7 REGISTERED BLOOD GROUP	0 TOTAL QUERIES
FULL DETAIL →	FULL DETAIL →	FULL DETAIL →
2 REGISTERED BLOOD BANKS	2 REGISTERED BLOOD CAMPS	6 TOTAL BLOOD REQUEST RECEIVED
FULL DETAIL →	FULL DETAIL →	FULL DETAIL →

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BLOOD INFO

S.No	Name of Donor	Contact Number of Donor	Blood Group	Name of Requirer	Mobile Number of Requirer	Email of Requirer	Blood Require For	Message of Requirer	Apply Date
1	Ashu Misra	7797987981	O-	CC	7894561236	rak@gmail.com	Father	Please help	2024-01-06 17:27:24
2	Ashu Misra	7797987981	O-	Hitesh	1236547896	hit@gmail.com	Brother	do the needful	2024-01-07 17:32:12
3	John Doe	1236547890	O-	Rahul Singh	2536251425	rahk@gmail.com	Mother	Please help me	2024-01-08 07:21:52
4	Amit Kumar	1231231230	AB+	Anuj Kumar	9823232102	sk@gmail.com	Others	Need blood on urgent basis	2024-01-09 06:54:16

Blood Group

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MAIN

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Manage Blood Groups

LISTED BLOOD GROUPS		
Show	10	entries
#	Blood Groups	Action
1	O+	X
2	AB-	X
3	O-	X
4	A+	X
5	A+	X
6	AB+	X
7	B+	X
8	B-	X
#	Blood Groups	Action
Creation Date		
Showing 1 to 8 of 8 entries		

localhost/bbdms/admin/manage_blood_groups.php

Donor List

BloodBank & Donor Management System

MAIN

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- Manage Pages
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- Blood Requests
- Search Blood Request

Donors List

DONORS INFO										
Download Donor List										
Show	10	entries								
#	Name	Mobile No	Email	Age	Gender	Blood Group	address	Message	action	
1	Ashu Misra	7797987981	ashu@gmail.com	Male	35	O-	H-900, Ravinderpuri colony, Varanasi	Call me if blood require	<button>Make it Public</button> <button>Delete</button>	
2	Test Demo	9797979797	test@gmail.com	Male	50	A+	Allahabad	gjghjghjghj	<button>Make it Public</button> <button>Delete</button>	
3	John Doe	1236547890	john@gmail.com	Male	25	O-	A 5623 XYZ Street New Delhi	NA	<button>Make it Public</button> <button>Delete</button>	
4	Amit Kumar	1231231230	amitk@gmail.com	Male	28	AB+	ABC Street Sector 20 Noida UP	NA	<button>Make it Public</button> <button>Delete</button>	
5	Anuj Kumar	1423092514	ajk@test.com	Male	30	A-	NA	NA	<button>Make it Public</button> <button>Delete</button>	
6	Grandhi Neha Nikitha	784612456	gnehanikitha@gmail.com	Female	20	B+	mmm	nmnl	<button>Make it Public</button> <button>Delete</button>	
7	Sri Lakshmi	9440900228	srlakshmigundabattula2006@gmail.com	Female	18	O-	bjqjhjdeoded	hi	<button>Make it Public</button> <button>Delete</button>	
#	Name	Mobile No	Email	Age	Gender	Blood Group	address	Message	action	
Showing 1 to 7 of 7 entries										

UNIQUENESS

- **Integration:** Combines donors, receivers, blood banks, and camps into one unified system.
- **Real-Time Updates:** Ensures up-to-date information for users.
- **Accessibility:** Easy-to-use interface for both web and mobile users.
- **Scalability:** Designed to handle increasing user data and requests efficiently.

CONCLUSION

- Blood Connect bridges the gap between blood donors, receivers, and organizations. By providing a centralized platform, it ensures timely access to life-saving resources and promotes the culture of blood donation. The project's scalability and user-friendly design make it a valuable tool for addressing critical healthcare needs.

REFERENCES

- **W3Schools PHP Tutorial**
URL: (<https://www.w3schools.com/php/>)
Description: Comprehensive guide to PHP, covering basic syntax, functions, and advanced topics for web development.
- **W3Schools MySQL Tutorial**
URL: (<https://www.w3schools.com/mysql/>)
Description: Comprehensive tutorial on MySQL covering SQL basics and advanced topics.

THANK YOU