

ಡಾ|| ಕೆ. ಸರ್ವೋತ್ತಮ ಶೆಟ್ಟಿ

ಬಿ.ಎ.ಎಮ್.ಎಸ್..

ಮಂಜುಶ್ರೀ ಆಯುರ್ವೇದಿಕ್ ಕ್ಲಿನಿಕ್
ಕೋಟ ವಿವೇಕ ಜೂನಿಯರ್ ಕಾಲೇಜ್ ಬಳಿ
ಚಿತ್ರಪಾಡಿ-ಸಾಲಿಗ್ರಾಮ -576 225

Reg. No.: 10778 (A)

Dr. K. Sarvothama Shetty

B.A.M.S.

Manjushree Ayurvedic Clinic
Near Kota Viveka Junior College
Chitrapady - SALIGRAMA -576 225
Reg. No.: 10778 (A)

Mob: 9448104003, 9900945557

Rx

ದಿನಾಂಕ : 03/03/2022

Karthik Shanbhag and Group,

SMVITM, Bantakal,

Udupi

Dear Students,

I hope this letter finds you well. I am reaching out to you with an exciting opportunity to make a meaningful impact in our community. We are keen to develop an innovative mobile application focused on blood banking, aimed at facilitating blood donations, connecting donors with recipients, and streamlining the blood donation process. We believe that you are well-positioned to take on this challenge and bring our vision to life.

The application will serve as a vital tool in addressing the critical need for blood donations and ensuring a steady supply of blood for patients in need. It will include features such as:

- User-friendly interface for donors to register, schedule appointments, and track donation history.
- Real-time notifications to alert users about blood donation drives, urgent blood needs, and other relevant updates.
- Geolocation functionality to locate nearby blood banks, donation centers, and mobile blood drives.
- Integration with social media platforms to raise awareness, encourage participation, and engage with the community.

We believe that your creativity, technical skills, and innovative thinking will be invaluable in conceptualizing and developing this application. Your involvement in this project will not only provide you with a hands-on learning experience but also make a significant difference in the lives of countless individuals who rely on blood donations for their survival.

Warm regards,

Dr. K Sarvothama Shetty

Manjushree Ayurvedic Clinic

Saligrama
DR. K. SARVOTHAMA SHETTY
BAMS,

Reg. No.: 10778 (A)

MANJUSHREE AYURVEDA CLINIC
Geetha Complex, Kota Moorakal,
Chitrapady, SALIGRAMA-576 225

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust[®], Udupi)

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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



SMVITM

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ACTIVITY REPORT

Student Coordinator Name	Karthik Shanbhag
University Seat Number	4MW20CS035
Academic Year	2021/22
Department	Computer Science
Activity Title	Providing a web app for Blood bank service for hospitals and donors.
Activity held under (Department/Cell)	Computer Science
Faculty Coordinator Name	Yashaswini
Activity held at	SMVITM
Address	Vishwothama Nagar ,Bantakal
Activity Dates	02/07/2022 to 17/08/2022 (2 hours per day)
Total duration taken	90 Hours Planning : 25 Implementation : 60

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

	Report writing : 5
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ACTIVITY SUMMARY

Student (coordinator) name: Karthik Shanbhag

USN:4MW20CS035

Title: Spreading Awareness
Activity held at: Shri Madhwa Vadiraja Institute Of Technology And Management, Bantakal
Objectives: <ol style="list-style-type: none">1) To implement the internet technology in medical to make things easier.2) To connect the blood donors and needy hospitals as early as possible using internet.3) To reduce the chance of loss of life due to delay in contacting donors.4) To reduce the possibility of unavailability of blood even though there are donors , due to delayed communication.
Description: As accidents are increasing day by day, there may be huge need of blood for the victims . At the same time there are many donors also. But due to lack of communications the needy victim may not get the blood in time and lose their life. Hence we thought to implement a internet based solution to this problem. So we developed an website in which both hospitals and donors can register. Whenever an hospital needs blood it can request the registered donors for blood and whoever willing to donate can donate. If not donor can decline the request also. Like this we can reduce the time of communication using technology.
Outcomes: <ol style="list-style-type: none">1) A web application that connects the hospitals and blood donors.2) Learnt about web development.3) Reduced chances of risk of life by using modern technology
Learning from this activity: <ol style="list-style-type: none">1) We learnt how to manage time very well.2) We learnt how to work in co-ordination.3) We learnt how to complete a task in an efficient way.4) We learnt about web development techniques.

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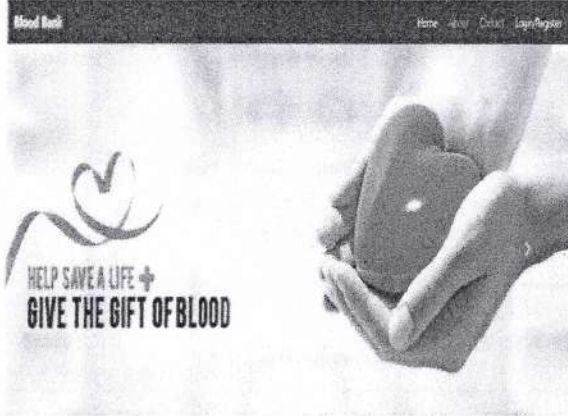
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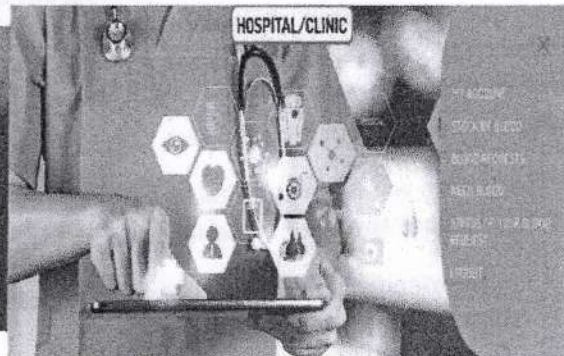
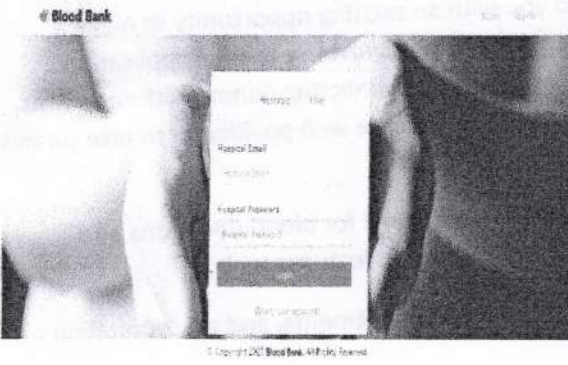
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Blood Bank

Group	Antigen	A+	A-	B+
O	None	From O+ you can give blood to A+ and O+ but can receive blood from A-, B-, AB- and O-	From A- you can give blood to A-, B-, AB- and O- but can receive blood from A- and O-	From B+ you can give blood to B+, AB+ and O+ but can receive blood from B+, A+, O+ and O-
A	A	From A+ you can give blood to A+ and AB+ but can receive blood from A+ and O+	From A- you can give blood to A-, AB- and O- but can receive blood from A- and O-	From B+ you can give blood to B+, AB+ and O+ but can receive blood from B+, A+, O+ and O-
B	B	From B+ you can give blood to B+, AB+ and O+ but can receive blood from B+, A+, O+ and O-	From B- you can give blood to B-, AB- and O- but can receive blood from B-, A-, O- and O-	From AB+ you can give blood to AB+ and O+ but can receive blood from AB+, A+, B+, O+ and O-

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Blood Bank

Sent Requests

#	Name	Email	City	Phone	Blood Group	Status	Action
1	abc	abc@gmail.com	Hy	9978810101	B-	Rejected	Request Support
2	abc	abc@gmail.com	Hy	9978810101	B-	Approved	Request Support
3	abc	abc@gmail.com	Hyderabad	9978810101	B-	Pending	Request Support
4	abc	abc@gmail.com	Hy	9978810101	A-	Pending	Request Support

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Blood Bank

Available Blood Samples

#	Hospital Name	Hospital City	Hospital Email	Hospital Phone	Blood Group	Action
1	Santhi Hospital	Dahli	santhi@gmail.com	7987763302	A-	Request Support
2	Santhi Hospital	Dahli	santhi@gmail.com	7987763302	O+	Request Support
3	Santhi Hospital	Dahli	santhi@gmail.com	7987763302	B-	Request Support
4	Santhi Hospital	Dahli	santhi@gmail.com	7987763302	A-	Request Support
5	Santhi Hospital	Dahli	santhi@gmail.com	7987763302	A+	Request Support

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ದಿನಾಂಕ : 09/08/2022

Karthik Shanbhag and Group,
SMVITM, Bantakal,
Udupi

Dear Students,

I hope this letter finds you in good spirits. I am writing to express my heartfelt appreciation for the outstanding work you have done in developing the blood banking application. Your dedication, creativity, and technical expertise have played a pivotal role in bringing our vision to fruition. The application you have created will not only revolutionize the way blood donations are managed but will also have a profound impact on the lives of countless individuals in need of blood transfusions.

I am particularly impressed by:

- Your commitment to understanding the needs of our community and designing a solution that addresses those needs effectively.
- The user-friendly interface and intuitive features of the application, which will make it easy for donors to register, schedule appointments, and contribute to this lifesaving cause.
- Your proactive approach to incorporating feedback and continuously refining the application to ensure its functionality and usability.
- Your passion for social impact and your willingness to invest your time and talents in this project are truly commendable. You have demonstrated exceptional teamwork, leadership, and problem-solving skills throughout the development process, and your efforts have not gone unnoticed.

On behalf of [Your Organization/Institution Name], I extend my sincere gratitude to each member of your team for your hard work, dedication, and commitment to excellence. You have not only created a remarkable application but have also set a shining example for your peers and future generations of students.

With deepest gratitude and warmest regards,

Dr. K. Sarvothama Shetty
Manjushree Ayurvedic Clinic

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