**Minor Project Report**

***on***

**LIFESAVER**

***In partial fulfillment of requirements for the degree***

***of***

**BACHELOR OF TECHNOLOGY**

**IN**

**INFORMATION TECHNOLOGY**

***Submitted by:***

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## Under the guidance of

**PROF. JAGRATI NAGDIYA**



**DEPARTMENT OF INFORMATION TECHNOLOGY**

**SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY**

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE**

**JAN - JUNE 2024**

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE**

**SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**DECLARATION**

We here declare that work which is being presented in the project entitled **LifeSaver** in partial fulfillment of degree of Bachelor of Technology in Information Technology is an authentic record of our work carried out under the supervision and guidance of **Prof. Jagrati Nagdiya**, Asst. Professor,Department of Information Technology. The matter embodied in this project has not been submitted for the award of any other degree.

Signature

**Harshita Jain**

Signature

**Pooja Goyal**

Signature

**Viresh Shah**

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE**

**SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROJECT APPROVAL SHEEET**

Following team has done the appropriate work related to the “**LifeSaver**” in partial fulfillment for the award of **Bachelor of Technology in Information Technology** of Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore and is being submitted to Department of Information Technology, Shri Vaishnav Institute of Information Technology, Indore.

#### Team:

1. **Harshita Jain**
2. **Pooja Goyal**
3. **Viresh Shah**

# Internal Examiner External Examiner

### Date:

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE**

**SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that **Harshita Jain**, **Pooja Goyal** and **Viresh Shah** working in a team have satisfactorily completed the project entitled “**LifeSaver**” under my guidance in the partial fulfillment of the degree of **Bachelor of Technology in Information Technology** awarded by **Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore** during the academic year Jan – June 2024.

|  |  |
| --- | --- |
| **Dr. Jagrati Nagdiya**  **Project Guide** | **Dr. Jigyasu Dubey**  **Professor & Head**  **Dept of Information Technology** |

**ACKNOWLEDGMENT**

We are grateful to a number of persons for their advice and support during the time of complete our project work. First and foremost, our thanks goes to **Dr. Jigyasu Dubey,** Professor & Head, Department of Information Technology and **Dr. Jagrati Nagdiya**,Asst. Professor, Department of Information Technology,the Guide of our project for providing us valuable support and necessary help whenever required and also helping us explore new technologies by the help of their technical expertise. His direction, supervision and constructive criticism were indeed the source of inspiration for us.

We would also like to express our sincere gratitude towards our Director-SVIIT, **Dr. Anand Rajavat** for providing us valuable support.

We also owe our sincere thanks to all the **faculty members** of Information Technology Department who have always been helpful.

We forward our sincere thanks to all **teaching and non-teaching staff** of Information Technology department, SVITS Indore for providing necessary information and their kind co- operation.

We would like to thanks our parents and family members, our classmates and our friends for their motivation and their valuable suggestion during the project. Last, but not the least, we thank all those people, who have helped us directly or indirectly in accomplishing this work. It has been a privilege to study at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.

# ABSTRACT

**The website aims to raise awareness, encourage regular blood donation, and ultimately contribute to saving lives by maintaining a sufficient and safe blood supply.**

In today's fast-paced world, the need for efficient and accessible blood donation systems is more critical than ever. "Life Saver" is a comprehensive web platform designed to streamline the process of blood donation and receiving, connecting donors with those in urgent need. This innovative website aims to create a cohesive and user-friendly interface that addresses the challenges faced by traditional blood donation systems. The platform facilitates the registration of both donors and recipients, creating a centralized database for efficient matching based on blood type, location, and urgency. Users can easily create profiles, providing essential information such as blood type, contact details, and availability for donation. The platform employs advanced algorithms to match donors with recipients in real-time, ensuring timely and effective responses to urgent requests. The website also implements a secure and user-friendly interface for recipients to post urgent blood requests, allowing them to reach a wider audience and increasing the chances of finding a suitable donor. Life Saver aims to create a virtual community of compassionate individuals committed to saving lives through blood donation. By leveraging the power of technology, the platform strives to overcome geographical barriers, minimize response times, and ultimately contribute to a more robust and efficient blood donation ecosystem. Through the implementation of cutting-edge features and a user-centric approach, Life Saver seeks to revolutionize the way blood donation and receiving are managed, fostering a culture of solidarity and support in the process.

**Group Members:-**

Harshita Jain (21100BTCSDSI09470)

Pooja Goyal (21100BTCSDSI09486)

Viresh Shah (21100BTCSDSI09506)

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*As per your project*

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Project Approval Sheet Certificate Acknowledgment Abstract

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  2. Need for the new System
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**Title Page**

Students should follow the given format.

#### Declaration

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#### Original Copy of the Approved Pro-forma of the Project Proposal

Students should follow the given format.

#### Certificate

Students should follow the given format.

#### Acknowledgements

This should express your gratitude to those who have helped you in the preparation of your project.

#### Abstract

This should be one/two short paragraphs (100-150 words total), summarizing the project work. It is important that this is not just a re-statement of the original project outline. A suggested flow is background, project aims and main achievements. From the abstract, a reader should be able to ascertain if the project is of interest to them and, it should present results of which they may wish to know more details.

**Table of Figures:** List of all Figures, Tables, Graphs, Charts etc. along with their page numbers in a table of figures.

**Table of Contents:** The table of contents gives the readers a view of the detailed structure of the report. You would need to provide section and subsection headings with associated pages. The formatting details of these sections and subsections you will find in unit 2 of this block.

**CHAPTER 1 to CHAPTER 5** – Describe as per your project,

**Limitations of the System:** Explain the limitations you encountered during the testing of your software that you were not able to modify. List the criticisms you accepted during the demonstrations of your software.

**Future Scope of the Project** describes two things: firstly, new areas of investigation prompted by developments in this project, and secondly, parts of the current work that was not completed due to time constraints and/or problems encountered.

#### REFERENCES

It is very important that you acknowledge the work of others that you have used or adapted in your own work, or that provides the essential background or context to your project. The use of references is the standard way to do this. Please follow the given standard for the references for books, journals, and online material.

**FORMAT OF PROJECT REPORT**

 **Paper Size :** A- 4 size Royal Bond Paper

#  Margins : Top : 1”

**Bottom :** 1” (2.86cm)

**Left :** 1.5”

# Right : 1”

 **Line Spacing:** 1.5 line

#  Title of Chapter

### **Font :** Times New Roman ( Bold face)

**Size :** 18 point

**Alignment :** Right Alignment

One **thick** line (2¼ point weight) after the name of chapter

#  Headings

**First Order Heading:** (for example – **1. INTRODUCTION**)

**Font :** Times New Roman (Bold Face)

**Size :** 16 point

### One blank line before the heading (12 points)

**Second Order Heading:** (for example – **1.1. Evolution**)

### **Font :** Times New Roman ( Bold Face)

**Size :** 15 point

### One blank line before the heading (12 points)

**Third Order Heading:** (for example – **1.1.1. Image Processing**)

**Font :** Times New Roman (Bold Face)

**Size :** 14 point

### One blank line before the heading (12 points)

 **Text**

**Font :** Times New Roman

**Size :** 12 point

**Alignment :** Justified (Full Text)

#  Abstract ( up to 150 words) Heading (i.e. ABSTRACT)

**Font :** Times New Roman (**Bold Face**) **Size :** 14 point

Two blank lines after the heading. (12 points)

# Remaining Text

**Font :** Times New Roman ( *Italic Face* )

**Size :** 12 point

**Alignment :** Justified (Full Text)

 **Figures and Tables :** Centered Placed

# Caption

**Font :** Times New Roman (*Italic Face*)

**Size :** 12 point

**Alignment :** Centered

### Figure Caption must be bellow the figure and centered, Table caption must be above the table and centered.

 **References / Bibliography Line Spacing:** 1.5 Line **Font :** Times New Roman **Size :** 12 point

### Publication details and/or URL must be in Italics

 **Header:** Name of the Project (Right Corner)

###  **Footer:** Page No. (Center Aligned) ( Numbering of pages would start from chapter-1 , i.e…. 1,2 ,3 ) But for first 6 points such as declaration, Certificate, Abstract, Acknowledgements ,Table of Contents, List of Figures, (with Page No. in Romans i.e i, ii, iii, iv )

 **SEPARATOR:** Before starting of each chapter. It does not contain Header and Footer

**Sequence of Pages to be followed as**

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***Note:***

1. Project Report must be submitted in spiral binding duly signed by your respective guide [Copy of Spiral Report = 1 (for Guide) + No of students in group].