

ABSTRACT

The main aim of this project is to maintain an online repository of blood donations made to a blood bank. It provides the Donors with a quick and efficient way to know about blood donation camps and register to them. The Donors are also able to view the record of their past donations. It provides the Organizers an efficient way to communicate with potential donors and hospitals. The Organizers can set up donation camps, provide conditions and instructions to the donors and view the details of donors and the amount of blood collected. Any user is able to get details about the blood stored in the blood bank at any point in time.

ACKNOWLEDGEMENT

The successful completion of any significant task is the outcome of invaluable aggregate combination of different people in radial direction explicitly and implicitly. We would therefore take opportunity to thank and express our gratitude to all those without whom the completion of project would not be possible.

We express our thanks to **Mrs.Shwetha RJ, Assistant Professor and Mrs.Roopitha CH, Assistant Professor, Department of Computer Science and Engineering** for having provided all the facilities that helped us in timely completion of this report.

We express our sincere gratitude to **Mr. Ravinarayana B, Associate Professor, Head of the Department, Computer Science and Engineering** for his support and guidance.

We would like to thank **Dr. Ganesh Prasad, Principal, Mangalore Institute of Technology and Engineering, Moodabidri** for his support and encouragement.

I express my sincere gratitude to our institution and management for providing us with good infrastructure, laboratory facilities, qualified and inspiring staffs, and whose guidance was of immense help in the completion of this seminar successfully.

Nithish (4MT19CS098)

Hrithika(4MT19CS100)

LIST OF FIGURES

SI No.	TITLE	PAGE NO.
Figure 3.1	ER Diagram	6
Figure 3.2	Schema Diagram	7
Figure 3.3	Block Diagram	9
Figure 3.4	Flow Chart	10
Figure 4.1	PHP code for connection	11
Figure 4.2	PHP code for login	12
Figure 4.3	PHP code for signup	13
Figure 4.4	PHP code for registration	13
Figure 4.5	PHP code for deregistration	14
Figure 4.6	PHP code for Profile update	15
Figure 6.1	Screenshot for User Homepage	18
Figure 6.2	Screenshot for User Signup	18
Figure 6.3	Screenshot for User Login	19
Figure 6.4	Screenshot for User Profile Update	19

Figure 6.5	Screenshot for Camp Creation	20
Figure 6.6	Screenshot for Confirm Donation	20

LIST OF TABLES

SI No.	TITLE	PAGE NO.
Table 5.1	Test case for login	17
Table 5.2	Test case for signup	17