International Institute of Professional Studies

Devi Ahilya Vishwavidyalaya

Indore, M.P

Blood Bank Management

This project is submitted for **V-semester**

For degree of

Masters in Information Technology– 2024

Guided by: Submitted by:
Dr. Shaligram Prajapat Sir   Vaidehi Dangi

IT-2k19-69

BONAFIDE CERTIFICATE

Certified that this project titled " Blood Bank Management " is a Bonafide work of Vaidehi Dangi(IT-2k19-69) who carried out the researched and completed the project under my supervision. Certified further, that to the best of my knowledge, the work reported herein does not form part of any other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Internal examiner   External examiner

RECOMMENDATIONS

The Project work entitled "Blood Bank Management " submitted by Vaidehi Dangi is satisfactory account of the bonafide work under my supervision and is recommended towards the end of their 5th semester of MTECH(I.T)-2024.

Guided By:

Dr. Shaligram Prajapat

ACKNOWLEDGEMENT

I would like to express my gratitude toward staff of IIPS -DAVV as well as the honorable director Dr. B. K. Tripathi for providing us a great opportunity to complete a project on "Blood Bank Management". My sincere thanks go to Dr. Shaligram Prajapat for his support and guidance for the completion of this project.

ABSTRACT

The purpose of this study was to develop a blood management information system to assist in the management of blood donor records and ease/or control the distribution of blood in various parts of the country basing on the hospital demands. Without quick and timely access to donor records, creating market strategies for blood donation, lobbying and sensitization of blood donors becomes very difficult. The blood management information system offers functionalities to quick access to donor records collected from various parts of the country. It enables monitoring of the results and performance of the blood donation activity such that relevant and measurable objectives of the organization

can be checked. It provides to management timely, confidential and secure medical reports that facilitates planning and decision making and hence improved medical service delivery. The reports generated by the system give answers to most of the challenges management faces as far as blood donor records are concerned.

The proposed of Blood Bank App helps the people who are in need of a blood by giving them all details of blood group availability or regarding the donors with the same blood group. They don't need to go anywhere to search the blood when they need. They just need to use this software then all the result will appear in just a second. Our life is so busy so we don't have time to spend going here and there, we can use technical way to search the blood by using the Blood Bank software we can find

thousands of people who are donating the blood and also get the detail the of that person that in which city he belongs to and what is the Blood group of that person. So, this is the most useful software ever.

SOFTWARE REQUIRMENT SPECIFICATION 2.1

Hardware Requirements

Number	Description
1	PC with 250 GB or more Hard disk.
2	PC with 2 GB RAM.
3	PC with Pentium 1 and above.

Software Requirements

Number	Description	Type
1	Operating System	Windows XP / Windows
2	Language	PHP
3	Database	MySQL
4	IDE	Visual Code
5	Browser	Google Chrome