



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project on

“Blood Bank Management System”

Abstract

This project proposes a Blood Bank Management System (BMMS) which can be used by laboratories, clinics, hospitals, or anyone who is in need of blood. The proposed system would be able to connect the requester and donor through a safe web-based platform with a simple registration process. This project will put an end to the fear caused during an emergency period and reduces the hassle of manual paper-based data entries. The proposed Blood Bank Management System helps the Blood Bank Admin to easily monitor the blood requests and donors. The proposed system takes a systematic approach of how to bridge the gap between Recipients, Donors, and Blood Banks. It improves the existing system by providing a common ground to ease the process of blood donation and reception. This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and help them manage in a better way. Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective. In our future work we would extend our project by including GPS tracking via registration and Cloud Storage for scalability can further improve the feasibility and Data processing of the presented system.

H/W&S/W Requirements

H/W Requirements: Intel Core i5, Hard Disk of capacity 500GB, 8GB RAM, 64 bit processor.

S/W Requirements: HTML, CSS, Python

*Dept R&D: Yes/No

* If No : GNITS



21251A0555

P. Madhuri Priya

madhuri.priya.penneru@gmail.com

9390876875



22255A0501

K. Samhita

kgssamhita@gmail.com

7032915351

Project Coordinator

Head of Department

PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.