

UNIVERSITY OF KARACHI

DEPARTMENT OF COMPUTER SCIENCE

Name: Maaz Maqsood

Roll No: B15158035

Class: BSSE-First Year

Cousre: Software Development

Course No: CSSE-415

Submitted To: Sir Saad Akber

**Project Proposal**

TOPIC :

**Blood Bank Management System**



OBJECTIVE:

The purpose of the blood bank management system is to simplify and automate the process of searching for blood in case of emergency and maintain the records of blood donors, recipients and blood stocks in the bank.

The goal of this blood bank management system is to provide the donors and the patients in hospitals a healthy process of donating and buying blood from the authorized blood bank.

FUNTIONALITY:

The functions defined below may or may not be same in the final program. Some more functions other than these can be add to the program.

* Registering a new user shows the add function.
* Storing key data such as blood group, Rh factor (positive/negative), donor’s name, address and telephone number indicates save function.
* Retrieve above data through search.
* Checking appropriate match for a particular blood group and Rh factor type specifies find function.
* Shows the amount of different blood types currently in storage through display function.
* Upgrade the records through update function.

INPUT:

In this, we are taking blood from the interested donors and verifying it by doctors and lab technicians.

OUTPUT:

The output will be the verification of the blood that whether it can be used in the concerned hospitals by the patients.