

**DEPARTMENT OF COMPUTER SCIENCES**

**Air University**

**Proposal**

**“Blood Management System”**

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## *Introduction*

The Blood Management system is our software engineering project. This project is designed as per the need of today's world that the information of blood donors has to be managed and supervised

The basic building aim is to provide blood donation service to our society and to give access to local public and different hospitals. Whoever need blood, they can get access to our system and can be facilitated.

Blood Management System is a Desktop application that is designed to store, process, retrieve and analyze information concerned with the administrative and inventory management within a blood bank.

## *AIM*

This project aims at maintaining all the information pertaining to blood donors, different blood groups available in our system and help them manage in a better way.

Our project Aim is to provide facility and transparency in this field, make the process of obtaining blood easier.

Blood management system can collect blood from many donators in short from various sources and distribute that blood to needy people who require blood.

## *Tools to be used*

- Language to be used is C# for front end
- For database requirements SQL SERVER will be used
- A person with how now with computer will be able to use this software
- Database specialist will be required
- Front end will be created by a second member of a team

## **System Requirements**

System requirements for blood management system are as follows:

- Windows and Linux can be used for building this system
- This system can be used and installed in all type of operating systems

## **SE Concepts**

We will use all software engineering concepts in our project including agile methods which includes pair programming, Xtreme programming and many other concepts

## **Modules of Blood Management System**

- Donor Registration
- Blood Login
- Blood Donor
- Awareness Camp
- Stock details
- Blood issued