Ahsanullah University of Science and Technology

Department of Computer Science and Enineering

CSE3200: Software Development-V

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Final Project Proposal

Blood Bank Management System

Lab Section: C2

Group: 9

Submitted by

Shahajadi Sadia Afsana   180104138

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1 Introduction

BLOOD BANK is a blood donation website through which people can easily request for their required type of blood by staying at his place through online without any kind of hassle. They can ask for the availability of their required blood and can know the name of donor and his details. Donor and patient both have to register for using this service. By registering here Hospital can provide the information about the available types of blood in current time and patient can request for their required type of blood to the hospital.They can also update their information too like phone number, address etc.BLOOD BANK is going to be a helping hand for people who are in argent need of blood or cannot manage blood from their nearest and dearest ones.

2 Proposed Features

- **ADMIN**
- **EMPLOYEE**

2.1 Admin

Admin have to log in through the password we manually entered into database.Admin will able to add , delete and edit EMPLOYEE.

2.2 Employee

Employee have to sign in first through the password and user name given by Admin. Then they can log in to their personal account. Employee will get some options that are:

- **Donor :** Here they will register the donors.
- **View Donors:** Here they will able to see the existing donors.
- **Patient :** Here they will register the patients.
- **View patients:** Here they will able to see the existing patients.
- **Donate :** Here Employee will Add donated blood.
- **Blood stock:** Here They will able to see the available blood stock.
- **Blood Transfer :** Here Employee will transfer blood from stock to patient.
- **Logout :** Employee can logout from this section.

3 Entity-Relationship Diagram

Here is the E-R diagram of the Project.