

**North South University**

**Project Name: Online Blood Bank**

**CSE327: Software Engineering**

**SEC: 05, Group: Blood Moon**

**Instructor: AKM Bahalul Haque (ABH3)  
Semester:** Summer 2019

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**Project Details:**

This project is designed for successful completion of project on online blood bank system. The basic building aim is to provide blood donation service to the city recently. This is a browser based system that is designed to store, process, retrieve and analyze information concerned with the administrative and inventory management within a blood bank. The project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and helps 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.

The Online Blood bank system project will contain information related to blood like

• Blood type

• Date of Donation of blood

• Validity of Blood’s

• Available Blood group

**Feature:**

**Login:**

The system provides security features through username-password matching where only authorized user can access the system.

**Admin Login:**

In this part the manager will keep up the donated elements and donor details. He/ She will be able to know all the information and edit them. He/ She will also be able to delete donors if he/ she want.

**User Login:**

In this part user will be able to login and he/she will be able to see the entire donor list and there will be an option where user can become a donor. He/ She can request for blood through the system. He/ She can also set up the date for next blood donation time.

**User Login:**

1. Sign Up
2. Sign In
3. Become a donor
4. Donor Information
5. Availability of blood with blood groups

**Search for Blood:**

In this part users can search for blood with certain blood group.

**Request for blood:**

In this part user can request for blood which will show in the webpage so that donor can donate blood.

**About Us:**

In this section there will be information about the program. It will also contain contact information.

**Technology:**

HTML, PHP, CSS, Bootstrap template, My SQL Server

**Business Plan:**

It is mainly a free to use for everyone. There will be no need for any amount of money to create an account in this webpage.   
But through Google Ad Sense we want to monetize the webpage. Also if any donor wants to donate some amount of money they can do this through Bkash, Rocket.