



## **Project Proposal**

CSE 311L Database Management System

Section 9

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North South University

Submitted to: Sajid Ahmed

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**Project Name:**

*Blood Bank System*

**Introduction:**

The blood bank system is an online blood bank management system that helps in managing various blood bank operations effectively. Here, it allows to check whether required blood deposits of a particular group are available in the blood bank. Moreover, the system also has added features such as patient's name, contact details and location which will be helpful for people living in close by area to easily find blood in case of emergency.

**Features:**

Entities for this database:

- User registration
- Option for searching for blood
- View suitable blood donor's list
- Donor's info

**User Registration:** Here, any person who is interested in receiving or donating blood can register. They will have

to provide certain information for example, name, social security ID, location, contact info etc. And the person who will be donating blood have to provide their blood group.

**Searching For Blood**: When anyone would be in need of blood, they will be able to search for their preferable group of blood through this option and can find blood donors.

**Finding Suitable Blood Donor**: People can view the available and suitable donors for donating blood at that particular time. The history of blood donation of that individual donor will also be provided.

**Donor's Info**: After finding the suitable donor, all the information about the donor will be provided in this option.

**Technologies**:

## Softwares used:

- MySQL
- XAMPP
- Bootstrap

## Technologies used:

- SQL
- CSS