**PROJECT PROPOSAL  
CSE311 section 3**

**BLOOD BANK MANAGEMENT SYSTEM**

**GROUP MEMBERS:**

* **Name: Asif Moien Ornob**

**ID: 1921680042**

* **Name: Sadia Khanam**

**ID: 2011694642**

* **Name: Sharjina Jahan**

**ID: 2013399642**

1. **Introduction:**

A Blood bank stores blood of various blood groups and other procedure such as managing blood stocks, approving blood request, updating donations and updating available blood types. Manual blood collecting system is a hassle to those who are in need of bloods to manually search and match donors in case of emergency. To address this problem, Blood Bank Management System is going to be developed. This system would serve as an online process for any blood transaction.

1. **Features:**

1. There will be an admin, he can log in and check all the Data.

2. Blood donors can register with all the necessary information.

3. Blood Donors can be searched using their name/ blood group.

4. One can request for different group blood if necessary.

5. Other bloodbank websites will be linked.

6. There will be an option with the benefits of blood donation, how it helps.

7. There will be some moral teachings and inspirational writings about blood donation in front page.

8. An option with all the emergency contact numbers.

9. There will be an option with advanced result for the donors blood test, that can only be updated by admin.

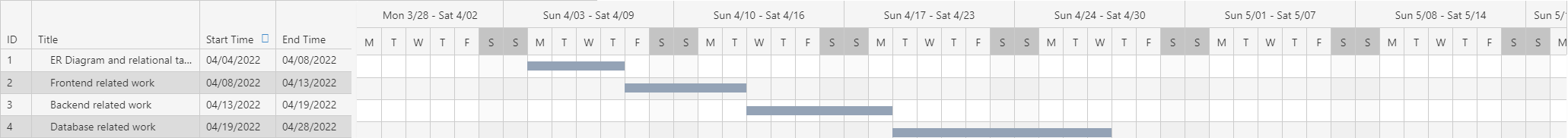
1. **Technologies:**

1. HTML and CSS for frontend

2. Python for backend

3. My SQL

1. **Gantt chart:**

****

1. **Methodology:**

* In this project ,we want to develop an online blood bank system which will focus mainly on blood collecting information.
* We will create an ER diagram for the system . This will help us to get a better idea about the system.
* We will also create a relational database from the ER diagram.
* We will convert the system into a computer system using html, CSS, Python and MySQL.

1. **Discussion:**

This system will allow people to collect blood easily in case of emergency. In Bangladesh, it becomes hard to manage blood sometimes. This system will help people find blood of the specific group without hassle. Manual blood collecting system in Bangladesh cannot keep the donor’s information. This system will keep the donor’s information which will allow the admin to contact the donor in case of emergency.