**PROJECT TITLE: BLOOD BANK**

**Project Abstract:**

This project aims to develop a database for enable management of blood bank conveniently and efficiently. This database contains four relation where it stores the details of branches of blood bank, donors, receiver and another relation which stores the transfer details of donor and receiver.

This system allows us to input the details of the receiver and donor and stores it in a database. It also helps us to know the information about the blood transfer among the donor and receiver.

**This system will have the following relations :**

1. Details of blood bank branches.
2. Details of donors
3. Details of receiver
4. Details of the blood transfer which includes the transfer details.

**Detailed purpose of the relations:**

1. **Blood Bank branches**

* It stores the details of the location of the particular branch.
* It maintains the inauguration date of the particular branch.
* It shows the types of blood available in the particular branches.
* It stores the branch number and details of Head of the particular branch.

1. **Donors**

* It stores the contact details of the particular donor.
* It stores the particular blood group of the donor.
* It stores the age and sex of the donor.
* It stores weight of the donor.
* It stores the glucose level and blood pressure of the donor.

1. **Receiver**

* It stores the contact details of the particular receiver.
* It stores the particular blood group of the receiver.
* It stores the age and sex of the receiver.
* It stores weight of the receiver.
* It stores the glucose level and blood pressure of the receiver.
* It stores the purpose for the need of blood.

1. **Transfer Details**

* It stores the date of donation.
* It stores the details about the particular donor and required receiver.
* It stores the amount(quantity) of blood donated.
* It stores the date of receiving the blood.
* It stores the blood group which was transferred.

**Group Members:**

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