BLOOD BANK MANAGEMENT SYSTEM

Blood bank is organised into different branches. Each branch has a unique id, unique name, address of the branch, contact information, and city in which the bank is located. Admin login is enabled, with unique ID(Admin_ID) who will overse one or more branches He takes care of working of the blood bank, staff login and info,stock of blood, donation programs.

Bank branches control the information about blood donors, blood recipients, availability of blood, donation programs,hospitals and staff members.

The database stores each donor's unique ID, name, date of birth, gender, blood group, blood ID, address, contact number, E-mail ID, disease, event of organisation, date of blood donation, and the blood request has recipient's unique ID, name, date of birth, gender, his required blood group, paid amount, quantity of blood, amount of blood, address, contact number, date of blood collection. It also stores the data of blood ID, blood group, date of collection, expire data, donation programs like organiser, event ID, date of event, venue or place, amount of blood collection at a particular event. And it also stores staff members ID, name, date of birth, gender, contact number, address. If people are interested to donate blood they can visit their near-by branches. Or if they are in search of blood they can check the availability of blood in their nearby branches and buy it from there. Hospitals also can request for blood from their near-by bank. The database will store the hospital's unique_ID, name, address, contact number, email, blood group, quantity of blood, amount paid, date.

The database will keep track of each donor or recipient's data at where he/she has donated or received blood, amount of blood available in each branch, hospitals data, donation programs data and where the staff membersare working currently.

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