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BLOOD BANK MANGEMENT SYSTEM

User Requirements

There are five iinternal users involved in this system. The user requirement are considered as follows

Donor

To be able to check their donation records including where they made donation and the blood result for each to learn of their donated blood quality and schedule their next donation. The donor ID card is only tangible evidence that contains the donor recent donation records, if the ID gets lost, donor may find it difficult to schedule their next appointment since they are not able to see the last time they donated blood

The donor information can only be updated by the administrator of the blood bank. A donor can update their information by calling but not by themselves. This is a waste of time for updating a piece of information and may be troublesome for donor to be able to check and include their personal information like name, contact, address to keep their donors record up-to-date with blood bank.

Administrator

Blood bank are required to maintain account of blood bags in the inventory. This increases with each blood donation recorded in our system and decreases as they are checked out upon hospital requests our system will need to keep the information up-to-date to insure correctness of the inventory.

Receptionist

Before each donor donates his blood he require to register himself as a donor with receptionist who works at the blood bank. The receptionist identified by employee ID, name, phone number, address. The blood bank receives order for blood from many hospitals for emergency purpose and other surgical requirements and blood bank issues the same required blood.

Blood Bank and Manager

Each blood bank has its own blood bank number, order number, issued date and blood type. The blood bank is managed by the blood bank manager who is identified by the employee ID, email, address and phone number and he is responsible for the proper management of the blood bank .

Hospital

The hospital are identified by hospital name, ID, address and phone number. Whenever the hospital requires the blood they can request to blood bank manager near by them.