

BLOOD BANK

CONCEPT IDEA

Introduction

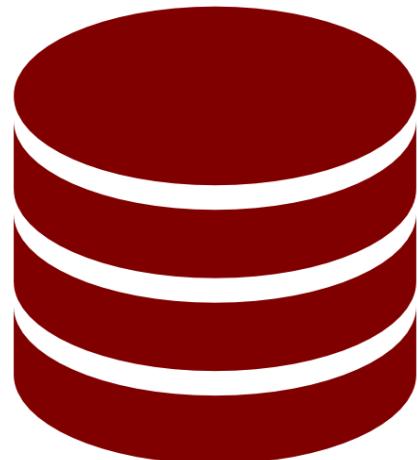
I. Introduction

There are lot of countries in this world that is suffering for donor shortage, particularly India. If just 2% more eligible donors stepped up to donate, the problem could be alleviated. But as it stands, only 1% of potential donors in the country give blood.

Munish Jauhar, founder of IT services company Gray Cell Technologies, used to help run blood donation drives for his organization. He was approached by so many people requesting blood that he decided to do something more. There ever increasing of trauma patients, particularly those who are involved in road accidents, major surgeries, patients for long-term blood therapy and chemotherapy and so forth. It is essential for healthcare system to have a constant balance between supply and demand of blood products. Nowadays, the source of blood will be communicated and combine with involuntary donors they may use relatives, friends or If there is need of blood, the donor with the required blood group is recorded.

OBJECTIVE

SBlood-donors usually don't come to know about the receivers in need of the blood. These reasons motivate us to develop a more efficient system that will assist in exploring information to people about the present blood donation system and particularly to manage the blood donation to be easier.

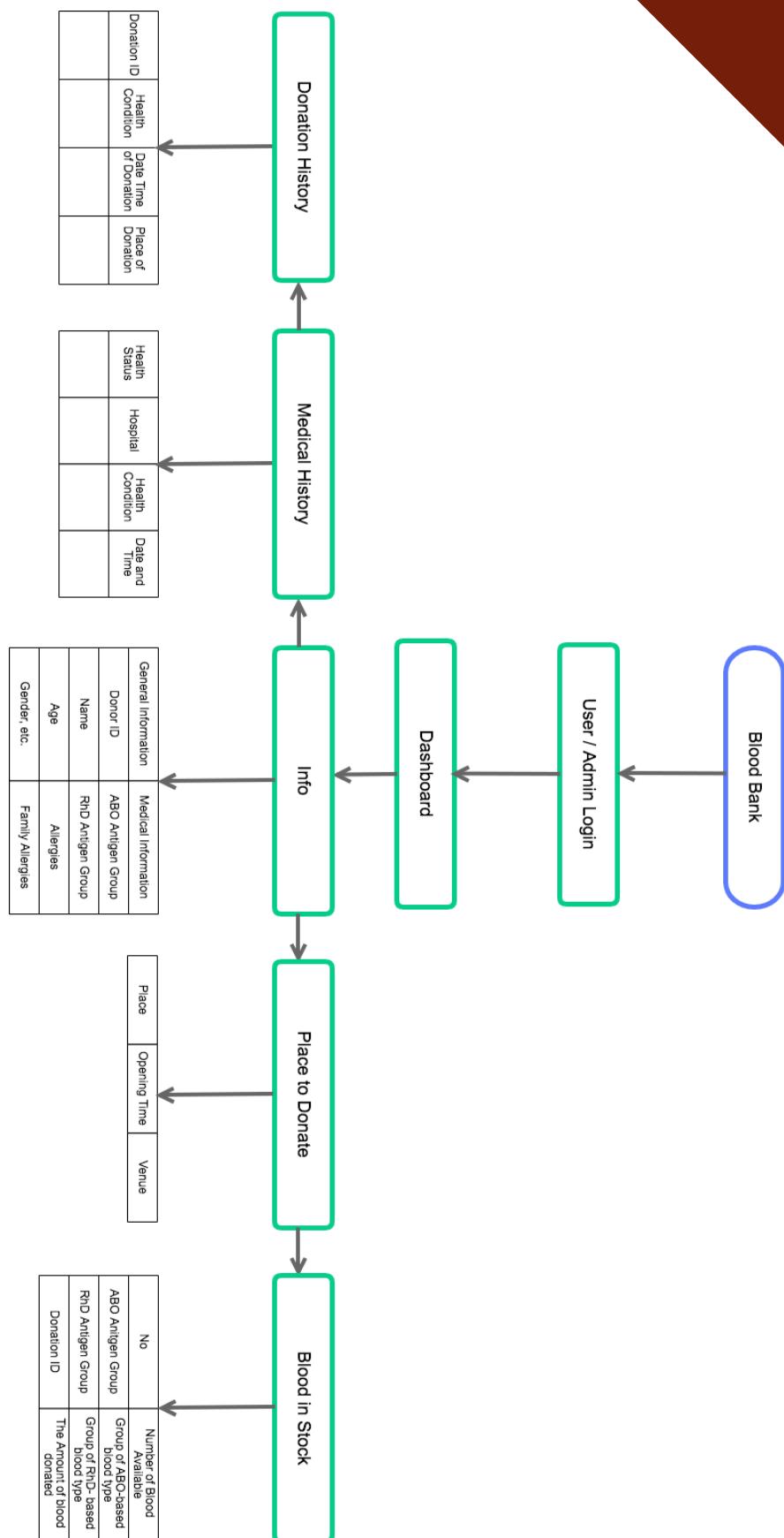


BLOOD DATABASE

**BLOOD DATABASE
ARRANGEMENT**

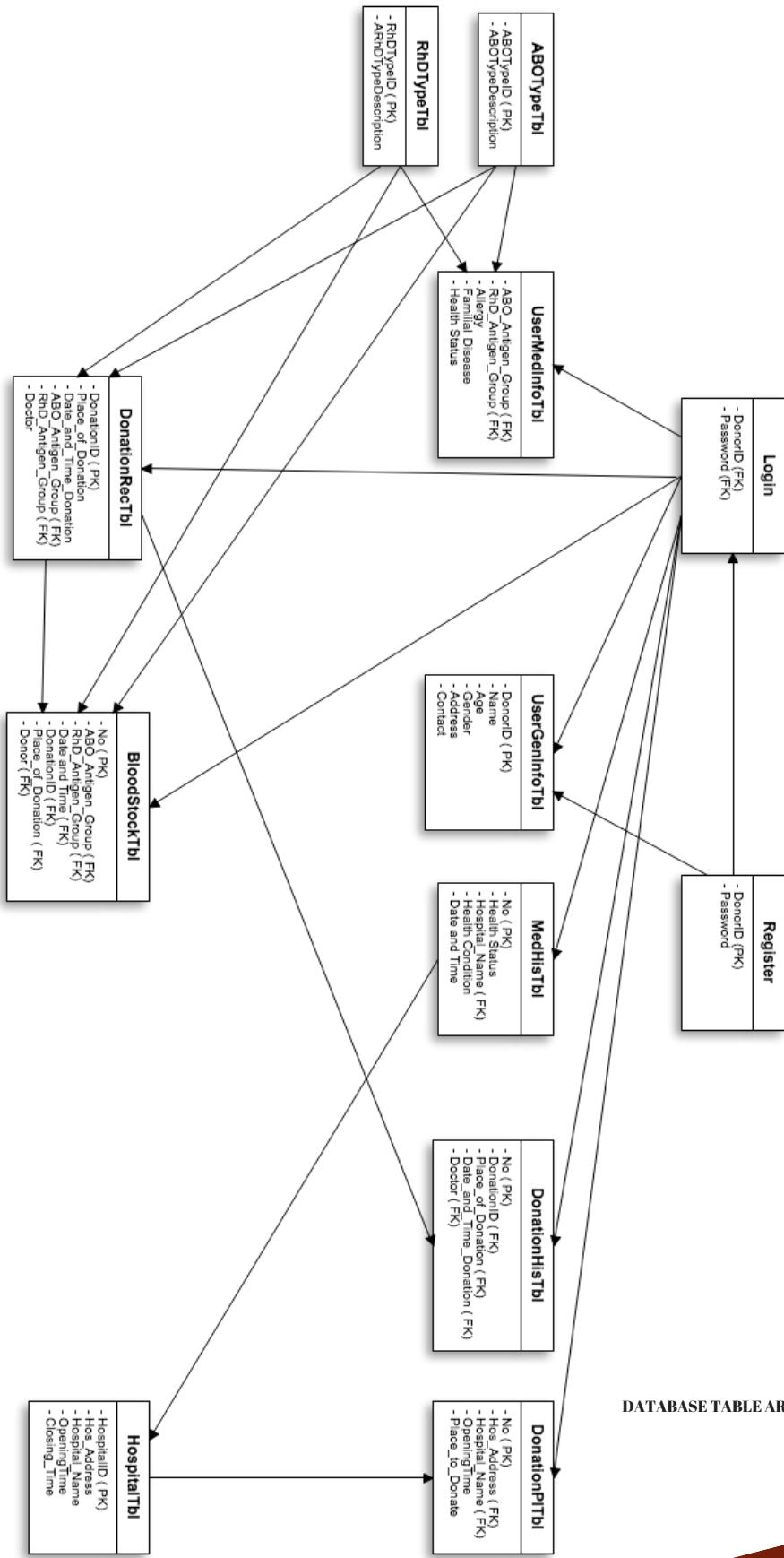
BLOOD BANK

DATABASE FLOWCHART

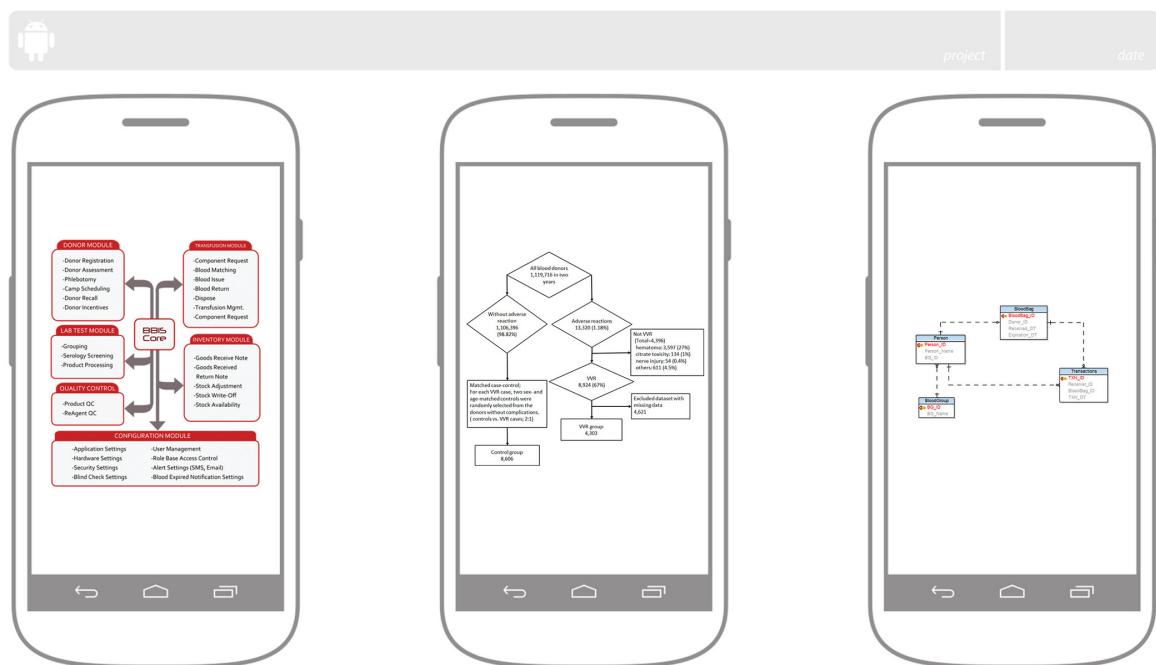


DATABASE TABLE ARE ATTACHED IN ANOTHER PDF FILE

ER DIAGRAM DATABASE BLOOD BANK



WIREFRAME BLOOD BANK



Place to Donate

| | | |
|---|---|---|
|  Prince of Songkla Hospital Kangwanroong Road, Hat Yai District, Songkhla Province, TH | Opening Time : Mon 13th, Tue 14th 13 : 00 To 15 : 00 | Venue : PSU Hospital, Third Floor Room 220, Building A |
| Contact : +66889995953 Email : BloodBank@psu.ac.th | | |

Medical History

| Health Status | Hospital | Health Condition | Date and Time |
|---------------|----------|------------------|---------------|
| | | | |
| | | | |
| | | | |
| | | | |

[Show All](#)

Donation History

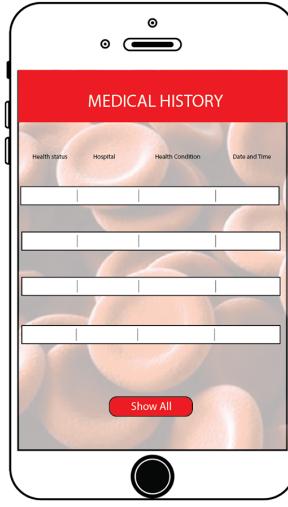
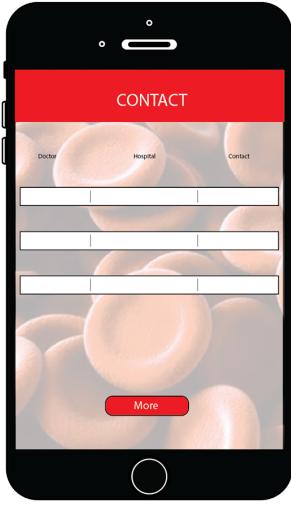
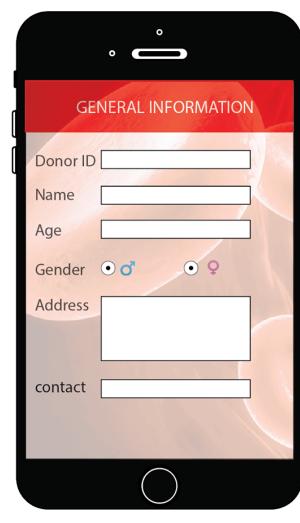
| Donation ID | Health Condition | DateTime of donation | Place of Donation | Doctor |
|-------------|------------------|----------------------|-------------------|--------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

[Show All](#)

Personal Information

| General Information | | Medical Information | |
|---------------------|-------------------|---------------------|--|
| Donor ID | ABO Antigen Group | | |
| Name | RhD Antigen Group | | |
| Age | Allergy | | |
| Gender | Familial Disease | | |
| Address | Health Status | | |
| Contacts | | | |

UI DESIGN



1. This UI the username is unique. All members are asked to provide a username and password. You need a username and password for two (2) reasons: To maintain the security of your account. It will ensure that no unauthorized parties can access your Domain Name information. To access Member Management and Manage Domains Functions that will enable you to effectively make amendments to your Domain Name.

2. This UI generate the general dashboard of application regarding profile, particular information regarding histories to ensure that the blood donation is detailed.

3. General information includes donor ID to ensure the detailed and particular person as the ID to generate the donators, then it can generate another information such us name, age, gender, address, and contact.

4. Medical information includes There are millions of different molecules on our red cells, each with its own function. These molecules were studied and divided into different group systems according to their structure. There are more than 45 known blood groups on red blood cells – not all of them are clinically significant. In blood transfusion the two most important group systems are the ABO-system and the Rhesus system. These information detailed is determined in our application, also includes about allergy, family diseases and health status of the donators.

5. Medical history includes Having ascertained the potential suitability of the donor on the basis of the general criteria outlined, a detailed medical history should be taken, using a structured donor questionnaire and interview.

6. Donation history allows you to see all your donations, including those made in your current ward or branch as well as contributions made in any previous wards or branches you attended. You can view your donations for specific date ranges and categories, such as tithing, fast offerings, or the ward missionary fund.