



**DARE TO
DONATE**

INTRODUCTION

- The requirement of blood for surgeries, cancer treatment, chronic illnesses, and traumatic injuries has to be fulfilled.
- The percentage of people donating blood is increasing day by day due to awareness to donate blood for those needed.
- All hospitals require a blood bank for the proper management of blood donations.

OBJECTIVES

The goal of the project is to develop application software for blood banks to manage information about their donors, receivers and bloodstock.

The main objectives are:

- The requirement of blood for surgeries, cancer treatment, chronic illnesses, and traumatic injuries has to be fulfilled.
- To maintain records of blood donors and receivers, blood donation information, and blood stocks in a centralized database system.
- To view potential receivers and donate to a specific person

TECH USED

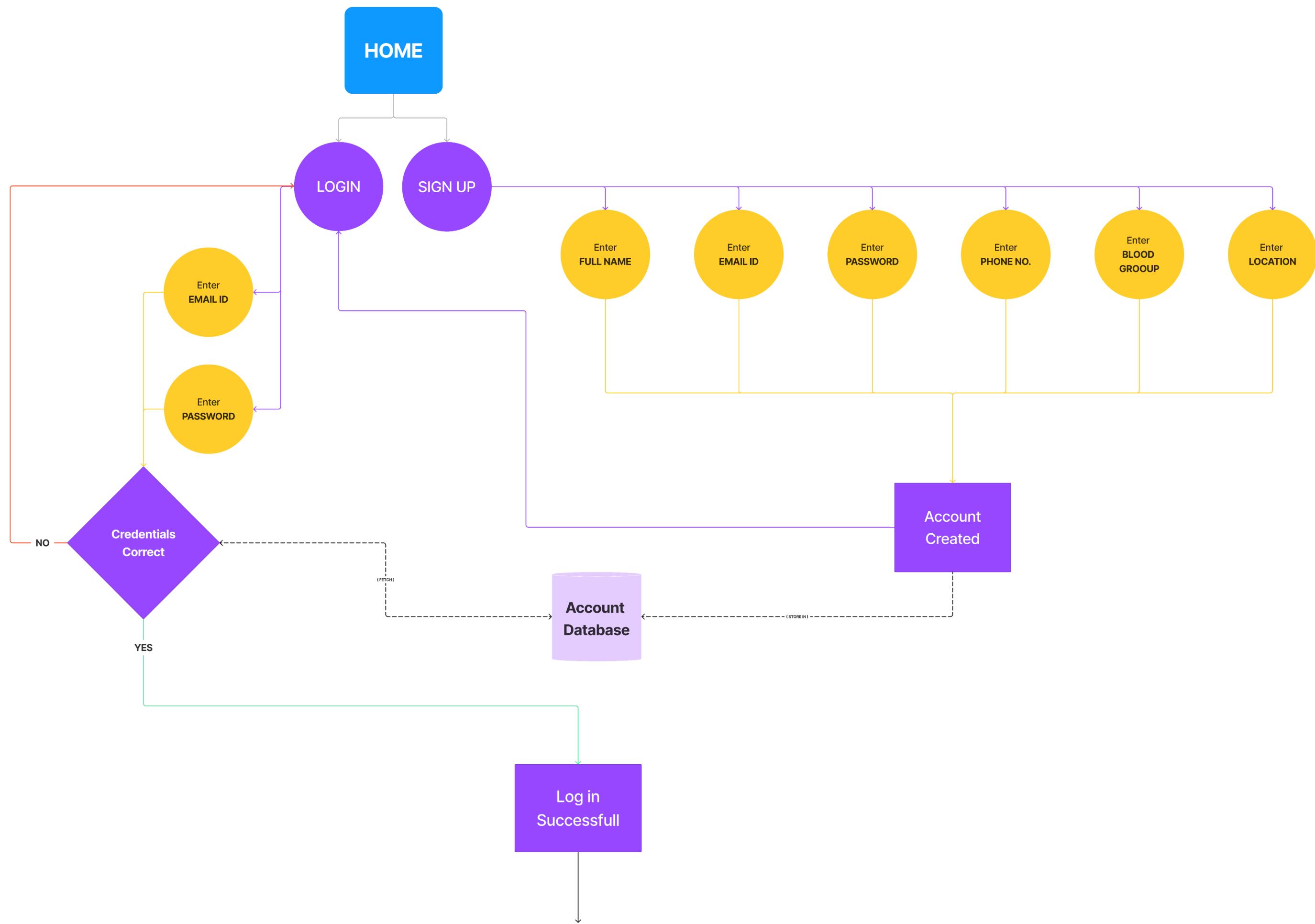
SOFTWARE USED :

- Python
- MySQL



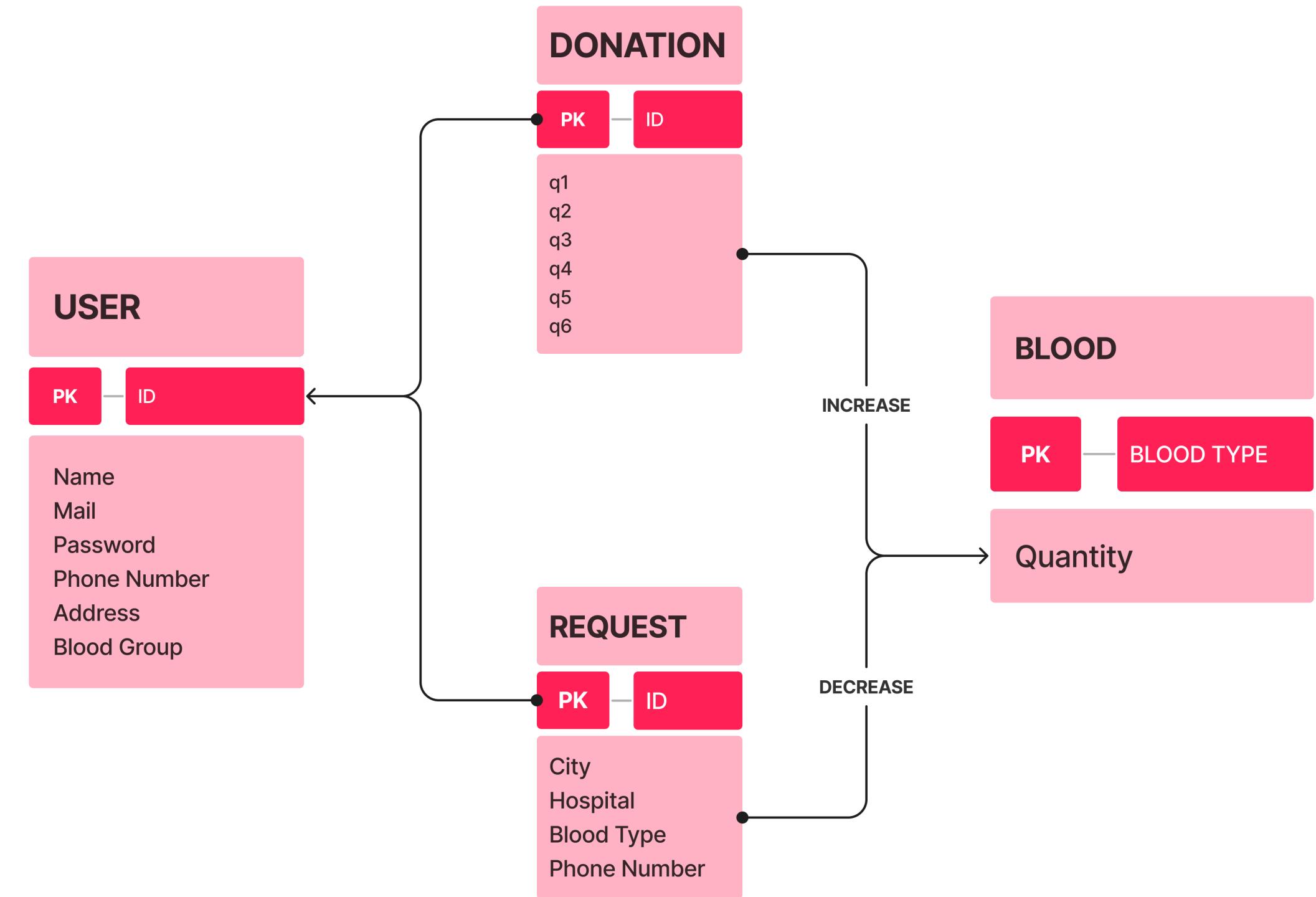
FEATURES

- User can **LOG IN** using their **EMAIL ID** and **PASSWORD**
- New users can register themselves by giving the following details: **Name, Mail, Password, Blood Type, Phone Number and Address**
- After logging in, the **AMOUNT** of blood under each blood group available in the blood bank is made visible to the user
- After logging in, the amount of blood under each blood group available in the **BLOOD BANK** is made visible to the user



CLASSES

- User
- Donor
- Receiver
- Blood



FUTURE SCOPE

- User verification via email or phone
- Users can edit their respective profiles, add their images, etc.
- Users can search for a particular patient to donate blood according to their location, blood type, or name
- Blood requirements can be prioritized according to their urgency

CONCLUSION

- A blood bank management system was implemented maintaining the details of the donor, receiver, and the bank.
- This project provides an effective way for communication between donors and receivers through hospitals.
- So this project seems useful in certain critical situations where people are in immediate need of blood.

THANK YOU

INTRODUCTION

- ‘Dare To Donate’ is a blood bank management application software aimed to bridge the gap between interested donors and potential receivers through hospitals
- It meets the complex need of blood bank who is the key facilitator for the health care sector; it also supports all the functionalities of blood bank



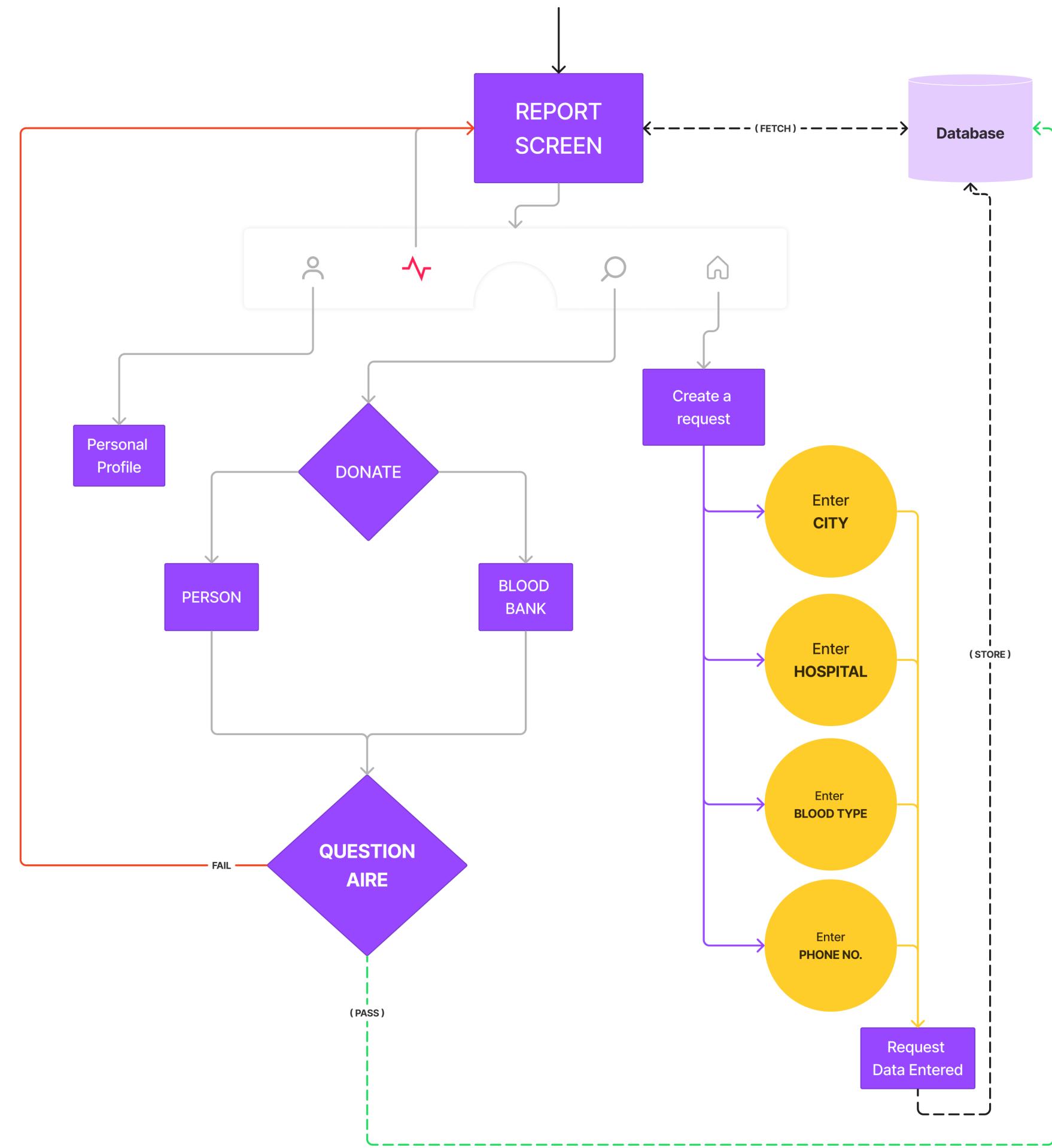
OBJECTIVES

The main objectives are:

- To donate to the blood bank directly
- To eliminate the middle-men and hence make Blood donation simple
- To post requests for blood donation of any blood type
- View available units of blood of each blood group in the bank

FEATURES

- **HOME BUTTON** indicates the creation of a blood request:
Blood request is immediately satisfied if the required blood type is available in the blood bank if sufficient blood of the type is not available, the request is added for donations
- **SEARCH BUTTON** is to search for requests to satisfy an interested donor :
Blood donations can be made directly to a person's request
Blood donation can also be made in the blood bank of the hospital
- **USER BUTTON** : Is used to view the users profile and if needed to edit it



FUTURE SCOPE

- Blood requests can be optimized according to the donor's and hospital's location
- Multiple hospital's blood bank management of data can be centralized