



Blood Bank App

Team Members

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This project has been made under the guidance of Dr. Umesh Kulkarni.

Problem Statement

Nowadays, blood requirement is of the utmost importance for people detected with Covid ,Cancer or any other disease. It is becoming difficult to search and locate the nearest blood donation and blood transfusion centers.

Our Solution

So , our group has come with up with an idea of creating an android app named 'Blood Bank' which helps a person who wishes to donate/receive blood to find the nearest centers for the respective activity.

Hardware and Software Requirement Specifications

Hardware requirements:

- Processor: Intel i3
- RAM: 4GB

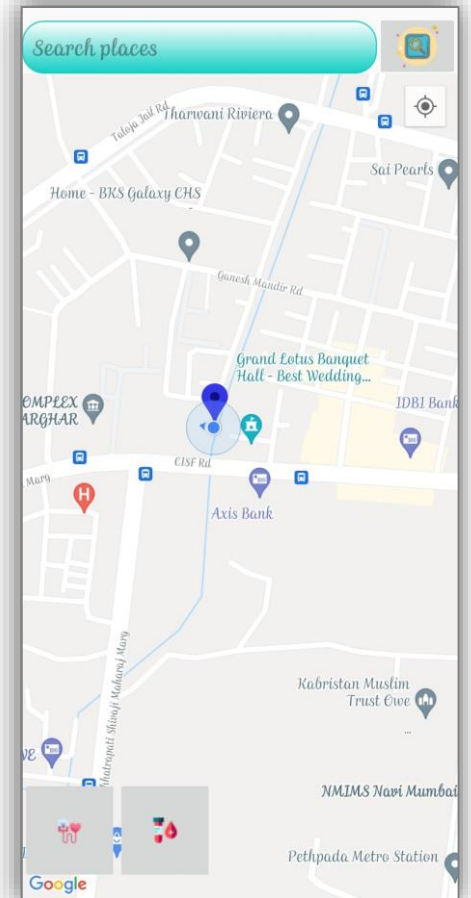
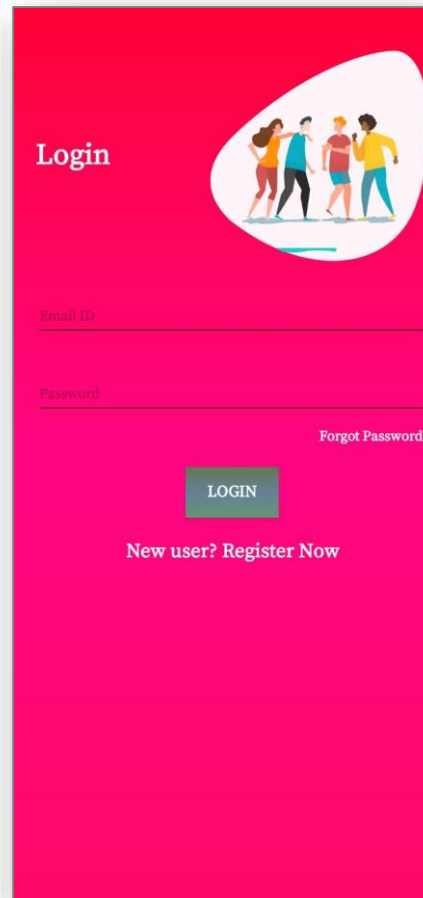
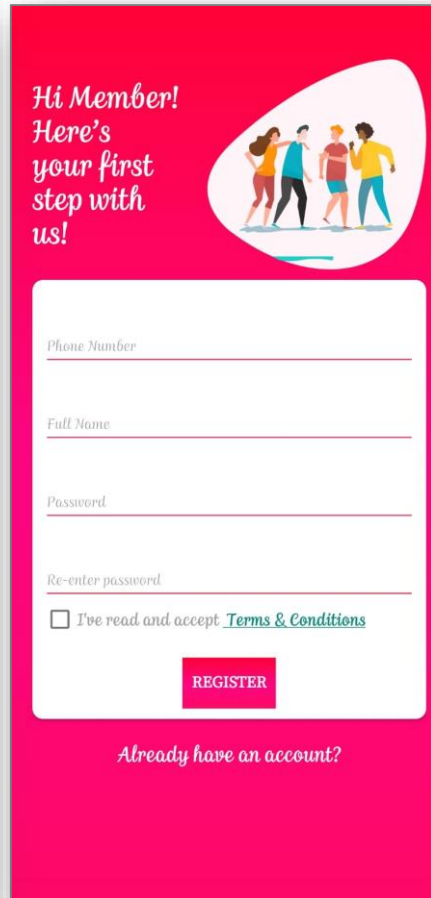
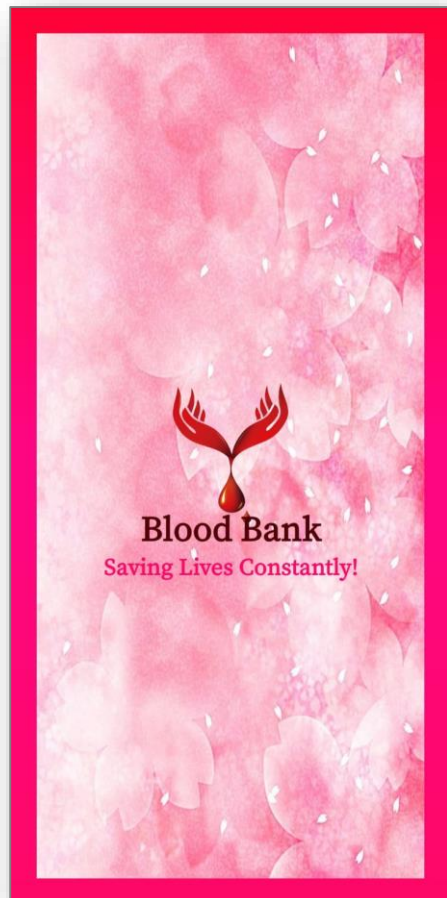
Software requirements:

- Operating system: Windows 64
- Languages used: Java and XML
- Platform: Android Studio

How it works

- ▶ New users have to enter their credentials and register themselves.
- ▶ Those who have registered earlier can directly login using their email id and password.
- ▶ Next, the users have to choose whether they are the donors or the recipients.
- ▶ Users will be directed to the maps page and they will be able to view blood donation and blood transfusion centres based on their previous choice.

App Screenshots



To be learnt

We have tried to add maps and firebase in our application. However, we are still learning how to implement the same in depth. We will try our best to learn and implement map search in our upcoming projects.

Conclusion

- ▶ Today, world has become a global village where everything is online.
- ▶ There are so many web based solutions provided in the market for the comfort of the people.
- ▶ Hence, this app is a step towards serving the mankind by increasing the ease of locating blood donation and blood transfusion centres.

