

PLASMA DONOR APPLICATION

INTRODUCTION

OVERVIEW:

This project "PLASMA DONOR" deals with notifying the concerned donor upon request by the Receiver in need of Plasma. This project provides quick access to donors for an immediate requirement of blood. In case of an emergency/surgery, blood procurement is always a major problem which consumes a lot of time. This helps serve the major time-lapse in which a life can be saved!

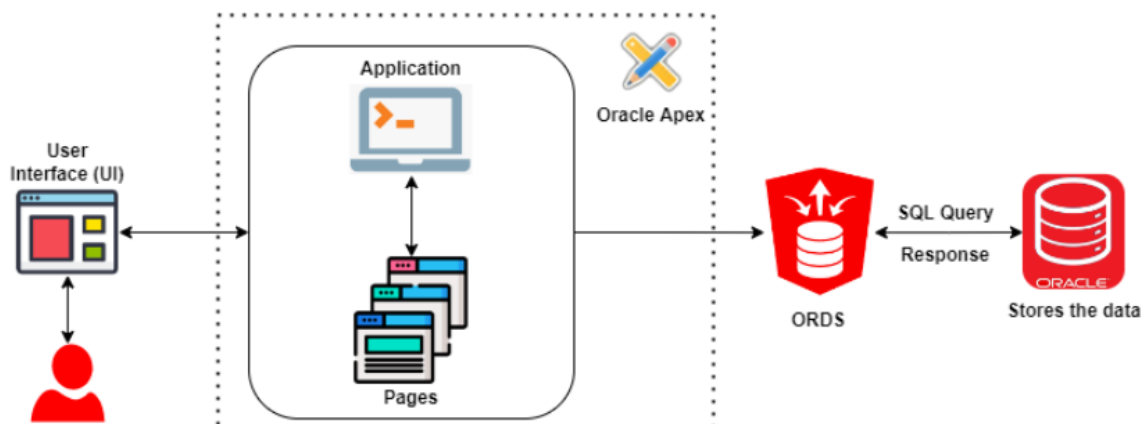
PURPOSE:

During the COVID 19 crisis, the requirement for plasma became high and the donor count was low. Saving the donor information and helping the need by notifying the current donors would be a helping hand. Regarding the problem faced, an application is to be built which would take the donor details, store them and inform them upon a request. The main objective of this project is to provide the recipient with a donor who is in good form with no health ailments to donate blood of the corresponding blood group.

SOFTWARE/HARDWARE REQUIREMENTS:

1. RAM:4GB
2. CPU:1.6Hz
3. Minimum Database Space : 12GB
4. Good Internet Connection upto 1MBps.
5. Windows 7 or higher.

ARCHITECTURE OF APPLICATION:

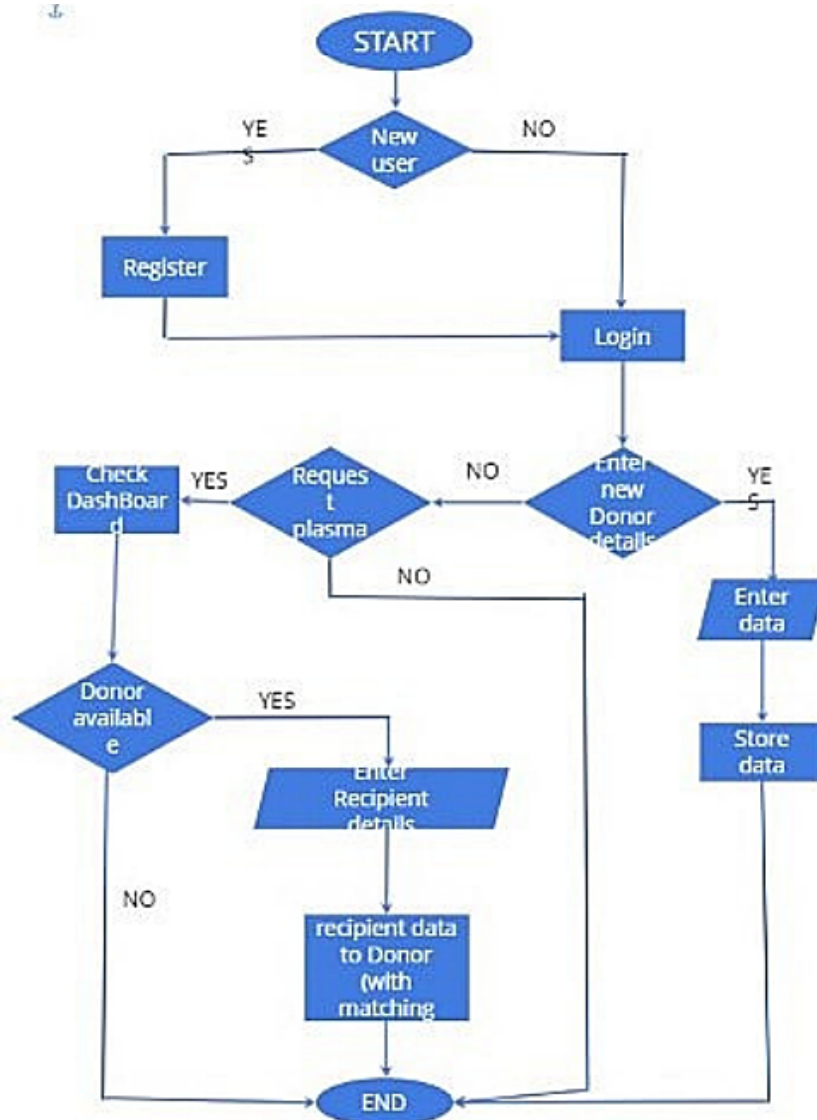


Control Flow of Application:

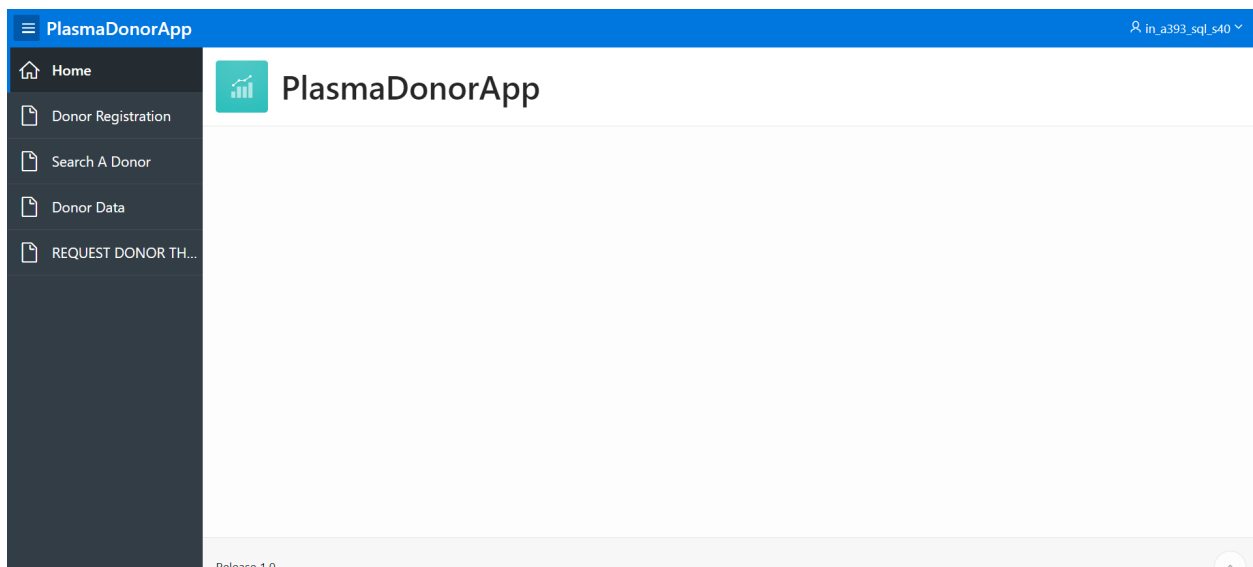
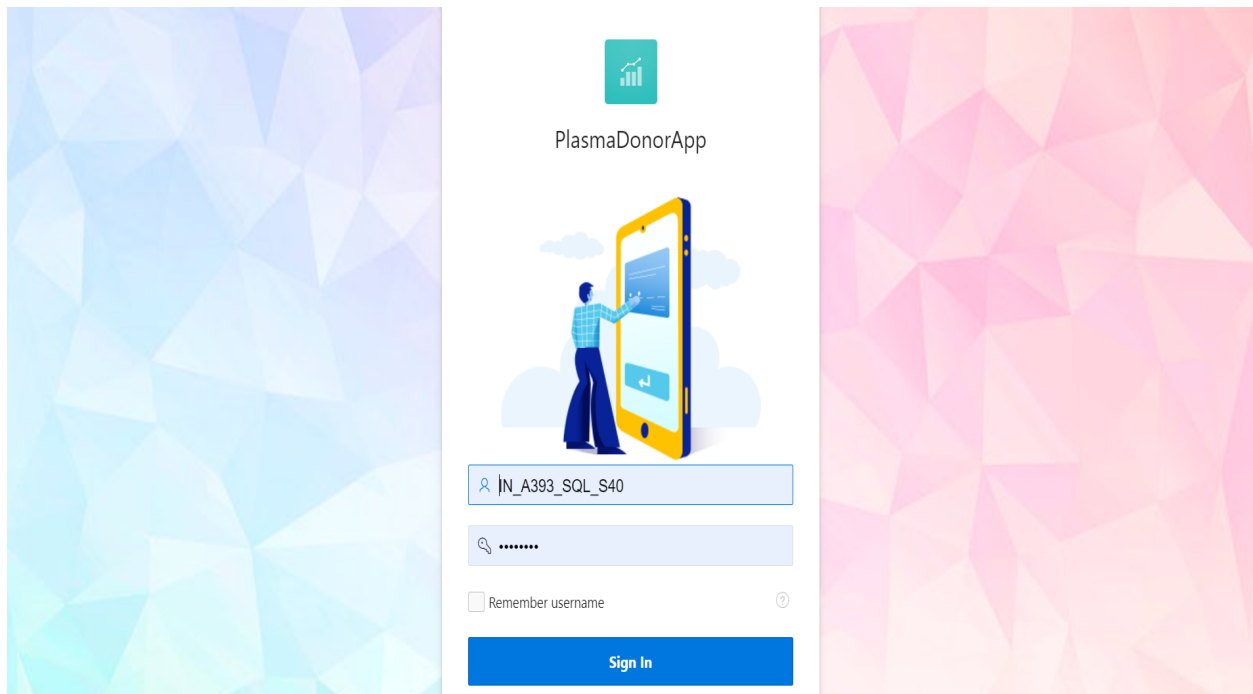
- 1.Donor/Receipient Logs into the Application
- 2.Donor registers with the page "Donor Registration"
- 3.Donor can be searched using "Donor Search Page"
- 4.Donor's data can be analyzed using "Donor Data" Page in the form of piecharts and bargraphs.
- 5.Using the "REQUEST DONOR THROUGH EMAIL" Page

the user can request the donors of their blood group by entering their Email and Blood Group.

FLOW CHART OF APPLICATION:



Results:



PlasmaDonorApp

in_a393_sql_s40

Home

Donor Registration

Search A Donor

Donor Data

REQUEST DONOR TH...

Create Form

Enter your Email

Name

Phone

City

Infect

Bloodgroup

Cancel

Create

PlasmaDonorApp

in_a393_sql_s40

Home

Donor Registration

Search A Donor

Donor Data

REQUEST DONOR TH...

Q

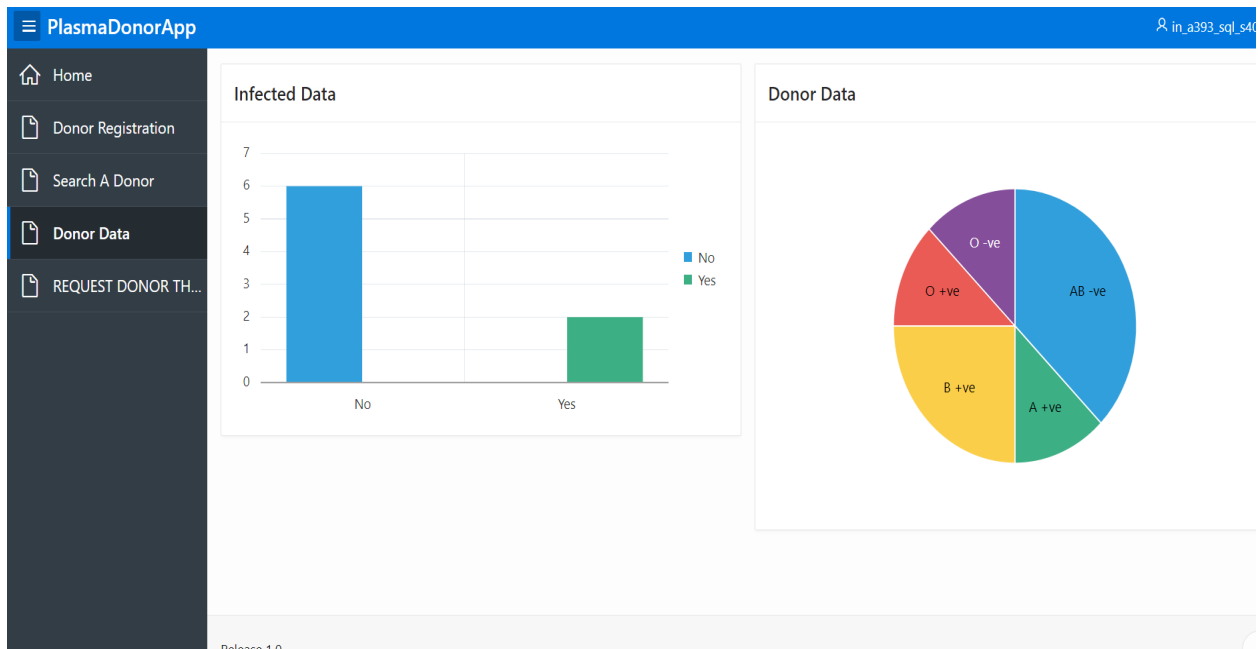
Go

Actions

Email	Name	Phone	City	Infect	Bloodgroup
srikruthianjaneyulumadugula@gmail.com	SRI KRUTHI MADUGULA	9848650557	HYDERABAD	No	B +ve
gajulalaharika60@gmail.com	Laharika Gajula	8247387787	Hyderabad	No	AB -ve
kruthimadugulasri@gmail.com	Mahira Vinay	8797565435	Banglore	No	AB -ve
uma23@gmail.com	UMA	9865447799	Nalgonda	No	B +ve
emailuseus@gmail.com	KIANA	8665677665	Mumbai	No	AB -ve
laharigajula64@gmail.com	LAHARI	9878987753	Bombay	No	O +ve
vinaya24@gmail.com	Vlara Bhamidimarri	9878777569	Manglore	Yes	A +ve
samg@gmail.com	Sampreeth Gona	9768666788	Delhi	Yes	O -ve

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Release 1.0



PlasmaDonorApp

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Home

Donor Registration

Search A Donor

Donor Data

REQUEST DONOR TH...

REQUEST

ENTER YOUR EMAIL

ENTER YOUR BLOODGROUP

Send

Release 1.0

Advantages of Proposed Solution:

1. Plasma can be donated in time saving lives.
2. Many a times even though the donor is available we can't save the patient as we do not have the information at that time and this application exactly solves that

problem by bringing all of the donors and recipients under one umbrella.

4.Email Notification is Sent while Requesting for Plasma

3.It is a user-friendly application.

4.Any one can access app and know information about the plasma donors .

5.Plasma Receiver can check the availability of the plasma donors based on matching blood group.

Disadvantages of Proposed Solution:

1.Only Plasma Donors can register and make use of this app.

2.Recommendations based on Locations is not available.

3.Internet is Mandatory to use the Application

4.Notifying the Receiver about the Donor is not available.

Applications:

1.Helps the Receiver's of Plasma in-time

2.In Emergency situations,the donor can be found faster with this application.

Conclusion:

This application helps the Receivers by notifying the donors whenever need of plasma occurs.Many a times even though the donor is available we can't save the patient as we do not have the information at that time and this application exactly solves that problem by

bringing all of the donors and recipients under one umbrella.

Future Scope:

- 1.User Interface Improvement.
- 2.Recommendations to the Receiver based on Location
- 3.Notifying the Receiver about the Nearest Donor.