Project URL:
https://iacademy.oracle.com/ords/f?p=15688:1:7126906827708::NO:::

INTODUCTION

The Plasma Donor App is to create an e-Information about the donor and organization that are related to donating the blood. Through this application any person who is interested in donating the blood can register himself in the same way if any organization wants to register itself with this site that can also register. Moreover if any general consumer wants to make a request for blood online he can also take the help of this site.

ARCHITECTURE
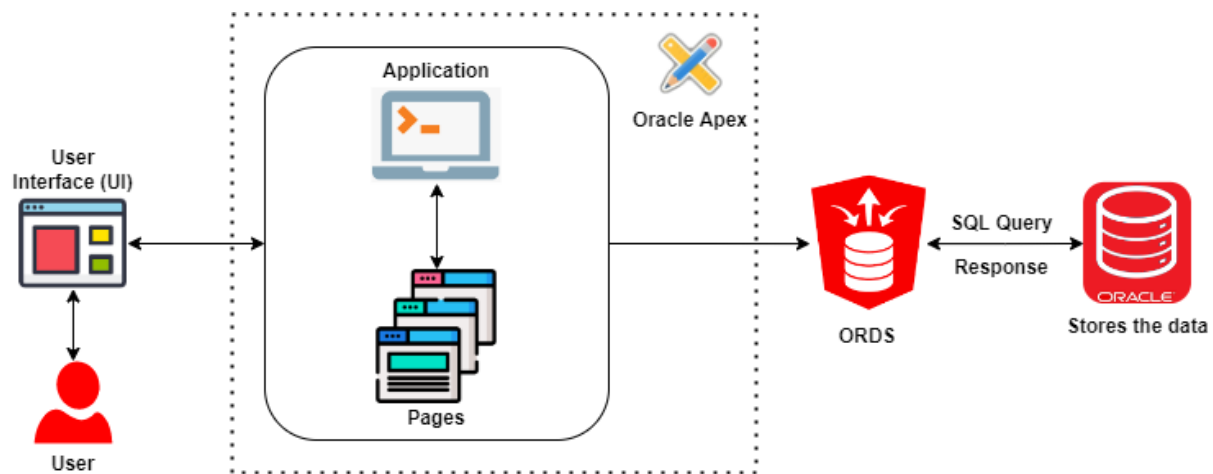
REQUIREMENTS

Oracle Apex Workspace
SQL

RESULT

PlasmaDonorApplication

Create Form

Email

Name

Phone

City

Infect

Bloodgrp

Cancel   Create

- 🏠 Home
- 📄 Register a Donor
- 📄 **Search Donor**
- 📄 Donors Data

🔍⌄ | | Go | Actions ⌄

Email	Name	Phone	City	Infect	Bloodgrp
Hima@gmail.com	Hima	9856435690	Chennai	No	AB Positive
Sandhya@gmail.com	Sandhya	9456789012	Banglore	No	O Positive
rishika@gmail.com	Rishika	9876436801	Hyderabad	Yes	B Positive

1 - 3

Release 1.0

- 🏠 Home
- 📄 Register a Donor
- 📄 Search Donor
- 📄 **Donors Data**

Infected Data

Legend:
- 🟦 No
- 🟩 Yes

Donors Data
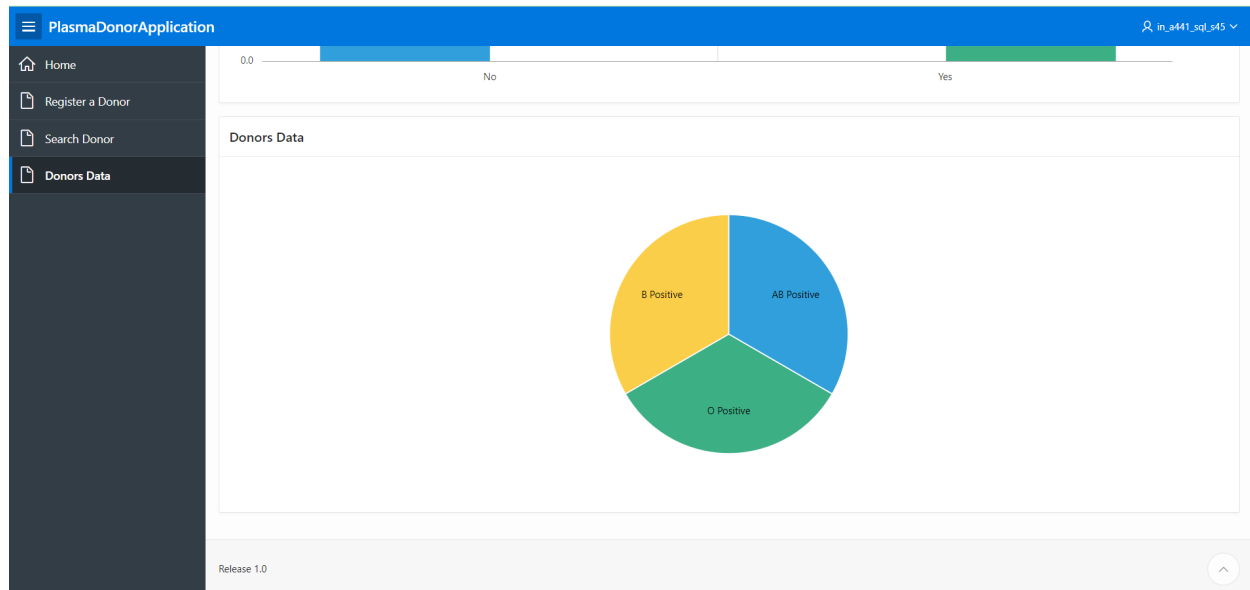
FUTURE SCOPE OF THE PROJECT

The system functions and features can include the following:

- Registration:

This function allows the donor and administrator to register as a user to interact with the system. The system requires the user to login before viewing and editing any information.

- Data is input by the Administrators:

The donor's information and donation records can be sent from the hospital to the administrator by calling or e-mail. The administrator is responsible for keying thereceived data into the system.

- Recording donation records:

The system can record data of whole blood which is sent from the hospital.

- Manage Blood Inventory

The system uses a First-In-First-Out stock management, where the blood stock that is checked-in to the system first will be the first one given to the hospital when requested. When the blood stock is expired, the administrator is responsible for removing the stock from the inventory and updating the system.

- Blood Requests

The hospital can request blood via e-mail and by calling to the blood bank.

- Notify by Email

The donor's account and generated password will be sent via e-mail, following by their

blood result of the previous donation sent in a separated e-mail. Hospitals can also receive e-mail responding to their requested blood whether it is available in our stock or not.

- Summary Report

The system can generate a report to summarize all records including blood donation, blood requests and blood stock for the administrator.

REFERENCE:

https://youtu.be/rLoaq3QxfSE