Introduction

Overview

This project is a simple demonstration of plasma donor application. It is developed in Oracle workspace
using fundamentals of SQL queries and the aggregate functions. It also makes use of forms and extraction
of data from them to store in our databases, generate graphs as well as pie chart for a simpler presentation.
The main page or the Home Page holds a logo of our application naming it. We have several other pages for
various other functionalities. Our pages serve these following properties:

Donor Registration

Search for a donor

A graphical representation of collected data

Donor Registration requires an individual to fill up important personal details like email, phone no, etc. and then the record is added to thee database. Next Page has provide the facility to look for
a particular donor and adds several filters to be performed on our data based on one's requirements. The
last page depicts a bargraph of infected individuals data and a pie-chart for depicting donor's data.

Purpose

The purpose for creating this application is to make it hassle-free for the people who are in need of a certain
group. It makes it easy for look for a certain blood group. Moreover it maintains a dataset of all samples
collected from different people and in similar way it is utilised by other needy people by making use of
search donor functionality which is rather effective and time saver. This can be improved even better by
making the UI more better and improving the quality of records we maintain.

Block diagram

Hardware/Software Requirements

CPU: 1.6 GHz for web, 4 x 1.6 GHz for database

RAM: 4GB

Minimum Database Space: 10GB

plasma donor application

- Home
- Register a donor
- **Search donor**
- donor data

Email	Name	Phone	City	Infect	Bloodgrp	Date Of Birth	Age
rishika@gmail.com	-	-	-	-	-	-	-
rishika12@gmail.com	rishika	1234545456	hyderabad	yes	b positive	2003	18
sonia123@gmail.com	-	-	-	-	-	-	-
sonia12@gmail.com	sonia	9736234465	hyderabad	no	B positive	2002	19
sangi123@gmail.com	-	-	-	-	-	-	-
sangi12@gmail.com	sangeetha	3456789021	nalgonda	no	ab positive	2001	20

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Release 1.0

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plasma donor application

- Home
- **Register a donor**
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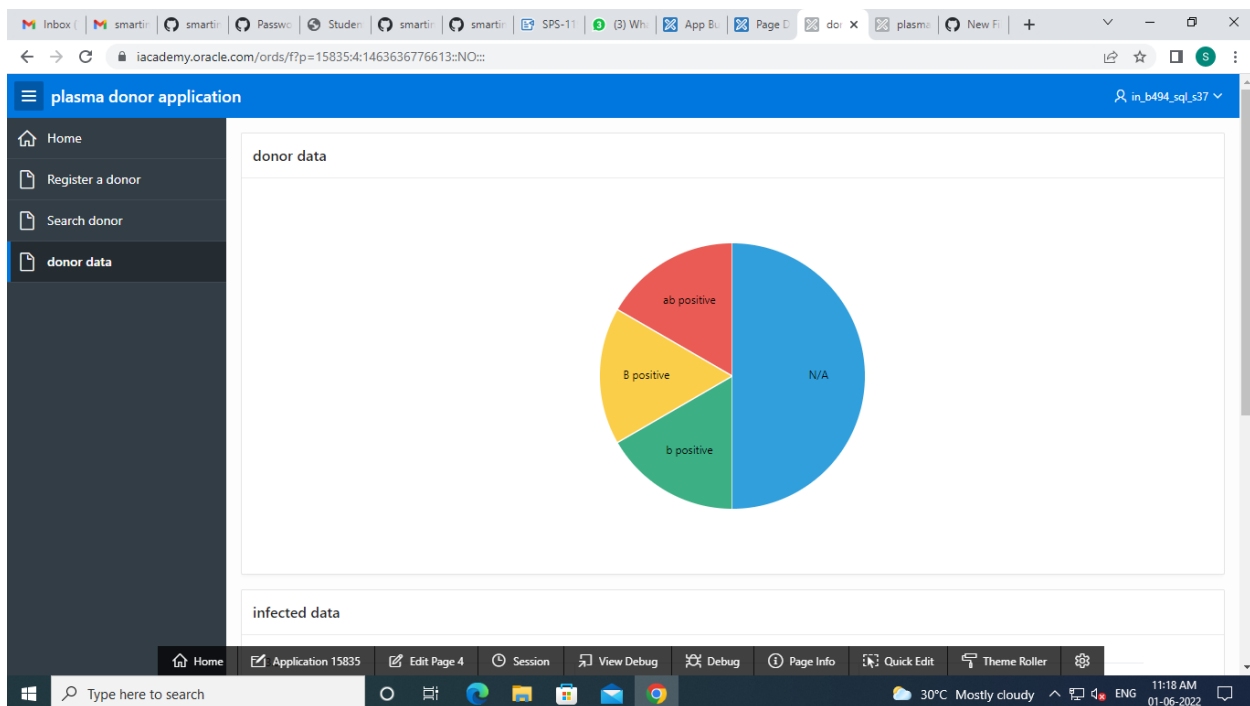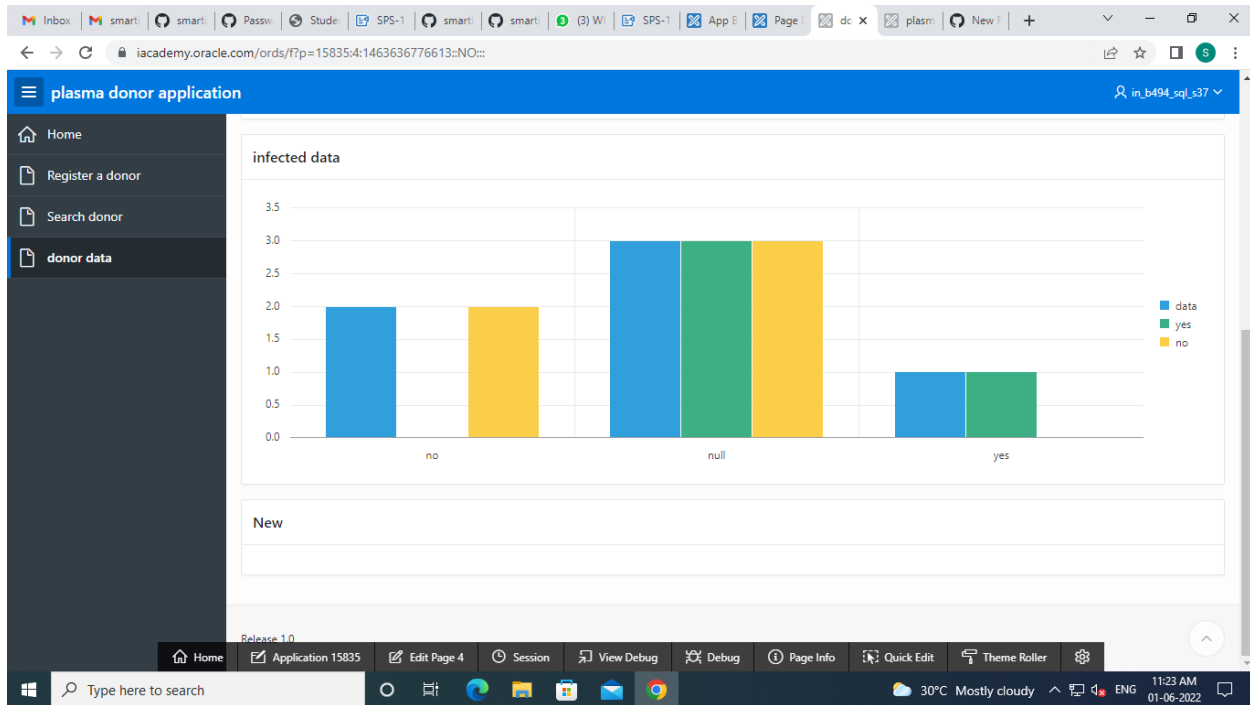
email

Name

Phone

City

Infect

Bloodgrp

Date Of Birth

Age

Cancel

Create

The source code of the application is available on the following github page

URL: https://iacademy.oracle.com/ords/f?p=15835:2:1463636776613::NO:::

github: https://github.com/smartinternz02/SPS-11964-Plasma-Donor-Application.git
WORKSPACE: IN_B494_SQL_S37
Username:IN_B494_SQL_S37

PASSWORD: Lakavath@123