

1.Introduction

1.1 Overview

The project is built using SQL and oracle. it contains a database table to store the data required, login and logout page. It contains a user interface page which has the login details and other operation where user can interact and perform.

1.2 Purpose

Amid the Covid-19 crisis, the requirement for plasma became high and the donor count was low, reaching out to them for plasma was out of hand due to inadequate information. During this time a course of action was required to store the data and notify the donor when required. Regarding this problem,a application was built which would take the donor details, store them and give access to those in need.

1.3Theoretical Analysis

When the user logs in to the application he can see the options and choose them according to his desire. When the user enters data the data base stores the data. .The entire application is built in oracle apex where it contains the inbuilt options which makes it easier to create tables, pages, applications and many more options to design the pages and actions to perform in the application. There are 3 pages built in the application for the three options available:

i.Register a donor

The first option is register a donor where a user can register by entering all his details. As the user enters the details the registers his details are stored in the database

ii.Search donor

The other option is the search option where we can search any registered user. It is very easy to search as we can search by typing details in the search bar.

iii.Donor data

The donor data consists a bar chart and a pie-chart. The bar chart shows the data based on the infected or not infected people where as the pie chart shows the data based on the blood groups.