

## APPENDIX 1



# BLOOD DONATION SITE

## END TERM REPORT

*by*

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**APPENDIX 2**

**Student Declaration**

This is to declare that this report has been written by me/us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. I/We aver that if any part of the report is found to be copied, I/we are shall take full responsibility for it.

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## **1 Project Title**

The main aim of developing this website is to provide blood to the people who are in need of blood. The numbers of persons who are in need of blood are increasing in large number day by day. Using this system user can search the blood group available in the city and he can also get contact number of the donor who has the same blood group. In order to help people who are in need of blood, this Online Blood Bank website can be used effectively for getting the details of available blood groups and user can also get contact number of the blood donors having the same blood group and within the same city.

## **2 Domain**

Blood Relative website

## **3 Problem Statement**

Now we are living in new generation and facing a problem is not a big issue, but for getting a solution of that problem is a challenge of a person. Here one of the major problem is getting the blood and donating the blood. By using this App people can save their time they don't need to go or search whole city. They can get all kind of information regarding the blood group, donor and Hospital and easily reach their and save time.

## **4 Project Description**

The proposed of Blood Bank website helps the people who are in need of a blood by giving them all details of blood group availability or regarding the donors with the same blood group.

They don't need to go anywhere to search the blood when they need. They just need to use this App then all the result will appear in just a second.

Our life is so busy so we don't have time to spend going here and there, we can use technical way to search the blood by using the Blood Bank App we can find thousands of people who are donating the blood and also get the detail the of that person that in which city he belongs to and what is the Blood group of that person.

So this is the most useful website.

## **4.1 Scope of the Work**

Blood Bank website is usually designed for the people who are needed to donate the blood or those who needed to get blood. All the information will provide in this website like Blood group, Donor information and Hospital information that they will easily connected to each other.

If any person want to donate the Blood so he need to get the registration than he will be able to Donate the blood and became a member of this website.

## **4.2 Modules of Blood Bank Management System**

Online Blood Bank management system is to provide services for the people who are in need of blood by getting help from the donors who are interested in donating blood for the people. There are seven main modules in this system.

- • Admin
- • Donor
- • Donor Registration
- • Acceptors
- • Donor Search

### **1 Admin**

Admin can manage both donors and acceptors. He can add or remove any user from the system. Each member donor and acceptor is given a user id and password, which identifies him uniquely. From admin module use can change donor details, delete donor or change the password.

### **2 Donor**

From this module user can create their account, when user create his account the user get a user id and password which identifies him uniquely. From this module user can search donor for blood and can also refer his friend to become a donor. "Donor can also get information like when he donated blood or when he will be able to donate blood.

### **3 Donor Registration**

In this module, people who are interested in donating blood get registered in website and give his overall details related to him, i.e. he fills in a registration form by giving the

total details such as name, address, city, sex, blood group, telephone numbers, email address, etc. He was also given two fields' username and password to such that he was a registered donor and he can enter the login form with his username and password and can modify his details if needed

#### **4 Acceptors**

This module helps user to find blood group. Then user click on find a blood group system ask him to enter blood group he want to search. After entering the blood group, system search for the availability of the blood group a give him the list of the donors who has the same blood group. Whenever a user wants to change password he select the change password option. Then system ask the user to enter old username and password then system check the credentials and change the password. Clicking on logout button user can log out from the system.

#### **5 Donor Search**

The people who are in need of blood can search in our website for getting the details of donors having the same blood group and within the same city. They can directly click on the link search a donor and can select a city name as well as the blood group which he needs. He then gets the details of the donors who exist within the city and the same blood group that he has selected. If no match was are found for the city and group selected by him he get message

“SORRY THE FOLLOWING BLOOD GROPU’S DONORS ARE NOT AVAILABE TRY AGAIN LATER”

### **6 Technology to be used**

#### **6.1 Software Platform**

- a) Front-end:- html
- ,CSS, JavaScript

#### **6.2Hardware Platform**

- a) RAM:-8GB
- b) Hard Disk:-512GB
- c) OS:-Window 10
- d) Editor:- Android Studio

#### **6.2 Tools**

- a) WebStorm
- b) sublime text

## 7 Advantages of this Project

This project have major advantages some are given below

- ✦ Each person who donates blood completes a simply physical examination and short blood test before giving blood
- ✦ This app will provide hundreds of people blood group that will no need to go anywhere out side.
- ✦ It can deposit into different organs of the body, such as the liver and heart, and affect the way those organs function
- ✦ A person should never use donating blood to find out if they have any blood-borne diseases, such as hepatitis B, hepatitis C, or HIV.
- ✦ Donating blood has the power to impact up to three people who need the blood to survive

## 8 Team Details

NAME OF STUDENT	ROLL NO	ROLE IN PROJECT	REGISTRATION NO
DIWYANSHU	69	DEVELOPMENT	11903488
RAVI PATHAK	68	TESTING	11903385
PRINCE KUMAR	67	TESTING	11903359

## **Conclusion**

This paper explained the proposed Blood bank system, which is linked the blood bank with the donors by sending messages to the donor who registered in the blood bank as a constant donor. To inform them of a shortfall in one of the blood groups both by his platoon. It characterized by ease of use in organizing the blood donation.



### **APPENDIX 3**

#### **BONAFIDE CERTIFICATE**

Certified that this project report BLOOD DONATION SITE is the bonafide work of DIWYANSHU, RAVI AND PRINCE who carried out the project work under my supervision.

<<Signature of the Supervisor>>

<<Name of supervisor>>

<<Academic Designation>>

<<ID of Supervisor>>

<<Department of Supervisor>>