

## **Blood And Organ Transplantation**

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### **Abstract**

The Blood Donation Agent 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 blood online he can also take the help of this site. Admin is the main authority who can do addition, deletion, and modification if required.

### **1.INTRODUCTION**

This project is aimed at developing an online Blood Donation Information. The entire project has been developed keeping in view of the distributed client server computing technology, in mind.

The basic constructs of table spaces, clusters and indexes have been exploited to provide higher consistency and reliability for the data storage. The MS-SQL server 2000 was a choice as it provides the constructs of high-level reliability and security. The total front end was dominated using the ASP.Net technologies. At all proper levels high care was taken to check that the system manages the data consistency with proper business rules or validations.

The database connectivity was planned using the latest “SQL Connection” technology provided by Microsoft Corporation. The authentication and authorization was cross checked at all the relevant stages. The user level accessibility has been restricted into two zones namely.

### **2.PROPOSED SYSTEM**

To debug the existing system, remove procedures that cause data redundancy, make the navigation sequence proper. To provide information about audits on different levels and also to reflect the current work status depending on organization/auditor or date. To build a strong password mechanism.

### ADVANTAGES:

- User friendliness I provided in the application with various controls.
- The system makes the overall project management much easier and flexible.
- Readily upload the latest updates ,allowing the user to download the alerts by clicking the url.
- It provides a high level of security with different levels of authentication.

### 3. MODULES

#### 3.1 Admin Login

This is a JavaScript based login page. In the code we perform Ajax requests to match admin email and password for login

#### 3.2 Add Blood Group

Here, this is an add blood group page. In here, Admin can add blood groups.



Figure No.1 Add blood group

#### 3.3 Add Donor Section

In the page admin can add donor information. He has to write name, mobile no, email id, age, blood group, address, message, and also must be selected for the donor's gender.

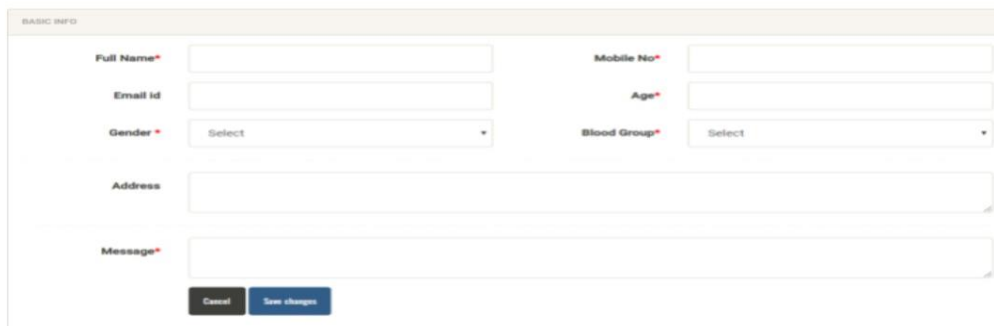
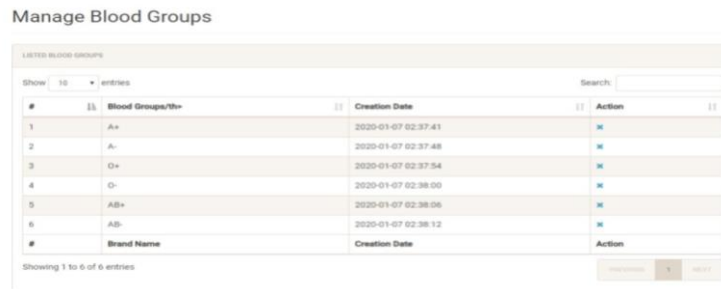


Figure No.2 Add donor section

### 3.4 Manage Blood Group

In manage the blood group here the page means manage blood groups. Here admin can manage the groups of blood. Admin can also delete the blood group.

Manage Blood Groups



#	Blood Groups/tn	Creation Date	Action
1	A+	2020-01-07 02:37:41	<a href="#">✕</a>
2	A-	2020-01-07 02:37:48	<a href="#">✕</a>
3	O+	2020-01-07 02:37:54	<a href="#">✕</a>
4	O-	2020-01-07 02:38:00	<a href="#">✕</a>
5	AB+	2020-01-07 02:38:06	<a href="#">✕</a>
6	AB-	2020-01-07 02:38:12	<a href="#">✕</a>
#	Brand Name	Creation Date	Action

Showing 1 to 6 of 6 entries

Figure No.3 Manage blood gruop

### 3.5 Become a Donor

In become a donar, anyone can be a donor. For this he/she should fill up the donor form. He/she must add name, mobile no, email id, age, blood group, address, message, and also select the gender.

Become a Donor

[Home](#) / [Become a Donor](#)

Full Name*	Mobile Number*	Email Id
<input type="text"/>	<input type="text"/>	<input type="text"/>
Age*	Gender*	Blood Group*
<input type="text"/>	<input type="text" value="Select"/>	<input type="text" value="A+"/>
Address	Message*	
<input type="text"/>	<input type="text"/>	

Figure No.4 Donor details

### 3.6 Search Donor

In search donar, anyone can search the required group of blood. And may get the location based blood donor.

Search Donor

[Home](#) / [Search Donor](#)

Blood Group*	Location
<input type="text" value="A+"/>	<input type="text"/>

Figure No.5 search donor

### 3.7 Update Contact Info

In update contact info, Admin can update the contact information. Admin can change the address, email id, and contact number.

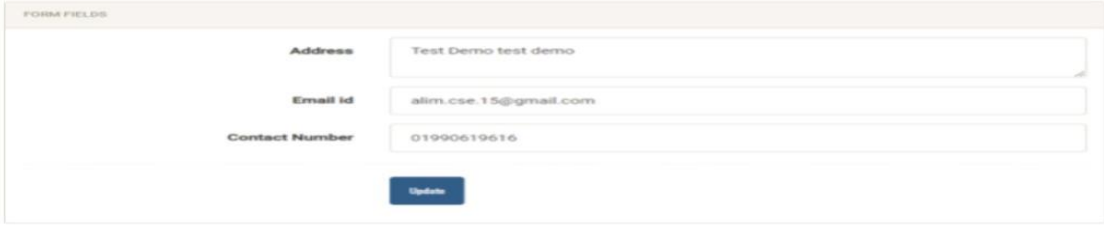


Figure No.6 Contact details

### 4.CONCLUSION

This project proved good for me as it provided practical knowledge of not only programming in ASP.NET and VB.NET web based applications and to some extent Windows Application and SQL Server, but also about all handling procedures related with **“Blood Bequeath Federal”**. It also provides knowledge about the latest technology used in developing web enabled applications and client server technology that will be in great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

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