

INT-213 REPORT
HUMAN COMPUTER INTERACTION

SUBMITTED BY:
SALONI RAJPUT
SECTION: K1640
ROLL NUMBER: A11
REGISTRATION NUMBER: 11610748
GITHUB LINK: https://github.com/202saloni/saloni_a11_k1640.git

EVALUATION 1:

1: Describe the significance of project.

The project is an online website that provides information about blood donation camps. The website provides a detailed information about how to organize donation camp and about blood , its main objectives and different events that are organised by the camp . The website is divided into 6 pages : Home , AboutUs , About Blood , Rise a Request , Get involved and Contact . The home page provides the images of previous blood camps organized and information about how we can solve the problem of blood shortage. AboutUs page provides the information about the blood donation camp, awareness sessions and about our helpline. About Blood page gives a detailed information about human blood, hemoglobin and blood groups. Rise a request page provides the a form to users who want to donate blood .Get Involved page provides the information about the upcoming events that are being held at the camp and some information given to the users who want organise their donating camps . Contact page provide a form to user . The page provides the complete information about the camp and also has a query form that helps the user to get linked to the donation camp.

2: Compare the approach used in project with the existing approaches.

There are a number of similar websites that are already present. The website includes simple design that is very easy to understand and is a good balance of text and graphics. The color combination of the pages is also very good and the content is not confusing. The site provides the complete information about the content present in it. Unlike other websites this website provides brief information about the human blood, blood donation camps, how to reduce the storage of blood and how to organize a camp. The project site also provides the information about the events held at the place. It also provides an opportunity to donate blood and save a life.

3: Is there any innovative method you have used toward the project?

The project is designed mainly using HTML and CSS. In addition to these two languages JAVA SCRIPT is used to provide animation and dynamics to the pages. The pages are designed in the form of divisions that provide the content in the form of blocks that help in distinguishing the different blocks of data easily. The project also provides the detailed information about human blood, blood groups, how to donate and camp organization at any place.

EVALUATION 2:

1: Will different sections of your site require different designs, layouts or coloring?

Yes the different sections of my website requires different designs , layouts and coloring . In some pages , the division layout is used and in some pages the form layout is used . The color scheme is also different in different pages. The idea was to create a colourful website with decent use of colors.

2: What kind of layout you employed in project?

There are different layouts used in the website. The main layouts are tables and form layout.

```
getinvolved - Notepad
File Edit Format View Help
<br>
<br>

<br><br><br>
<br><br><br>
<br><br><br>
Organizing blood donation camps is the perfect way to cater to the demand of blood. Everyone wants to contribute towards the society and save lives. You, as a camp orga
To organize a camp with us, fill up this form
<br><br><br></img>
<br>

The BloodConnect team, consisting of passionate students, has been organizing blood donation camps for more than 3 years. It has experience of organizing these camps in
<br><br><br>
<div class="table">
<table>
<tr><th><h3>CONTACT US:</h3></th><th><h3>FINALIZE A VENUE:</h3></th><th><h3>CONFIRM DATE:</h3></th> <th><h3>PUBLICIZE:</h3></th><th><h3>CAMP DAY:</h3></th><th><h3>POST
<tr><td> We are there to ensure, you organize a successful blood donation camp. Fill up this form to contact us or send us an email. </td>
<td>We can organize the camp in a college, corporate office and residential area. If you cannot find a properly ventilated location inside the building, we can also hel
<td>Finalize a date 2-3 weeks in advance. ?We contact the various blood banks on your behalf and it usually takes 2-4 days ?to finalize the blood bank. After that, ?we
<td>We need to publicize the camp in all ways possible- online mailing, posters and standees. We have a collection of posters, which will help you out in this process.
<td>Our volunteers are there before the start to help you out in arranging the venue. They will plan out the decorations such that the donor feels special while donatin
<td>We send out mails to all donors thanking them for donating blood and asking them for the feedback on the camp. Based on that, we judge how successful the camp was a
</tr>

</table>
</div>
<div class="list">
<h4> <p>Which blood bank do we call for the camp? </p></h4>
<p>We only organize blood donation camps with government blood banks. We believe that in the government blood banks/govt. hospitals, majority of the blood is used to he
</div>
<footer>

<b>CONNECT WITH US :</b>
<br>
Saloni Rajput<br>
email: saloni07rajput@gmail.com<br>
ph no.:90121*****<br>
```

3: What are the different kinds of explicit validations applied in the project?

Different kinds of explicit validation are used in this website. Validation like required data and invalidated data are used in website. Secure storage and encryption is used to protect a user's secret from others.

```
raisreq - Notepad
File Edit Format View Help

<div class="form">
<center>
<form>
<br><b>Patient's Name & Details:</b><br><input type="text" name="first_name" required><br>
<b>Your name:</b><br><input type="text" name="your_name" required><br>
<b>Select blood group required</b><br>
<select name="dropdown">
<option value="A+" selected>A+</option>
<option value="A-">A-</option>
<option value="B+">B+</option>
<option value="B-">B-</option>
<option value="AB+">AB+</option>
<option value="AB-">AB-</option>
<option value="O+">O+</option>
<option value="O-">O-</option>
<option value="Any">Any</option>
</select>
<br>
By when do you need blood?<br>
<b>Date:</b><br><input type="number" name="date"><br>
<b>Number of units required:</b><br>
<input type="number" name="unit"><br>
<b>Phone:</b><br><input type="number" name="ph" required><br>
<b>Additional Details</b><br>
<textarea rows="5" cols="50" name="description"> </textarea><br>
<b>City/Region</b><br><select name="dropdown">
<option value="-select a value-" selected>-select a value-</option>
<option value="Agra">Agra</option>
<option value="Amritsar">Amritsar</option>
<option value="Bangalore">Bangalore</option>
<option value="Bhopal">Bhopal</option>
<option value="Chandigarh">Chandigarh</option>
<option value="Chennai">Chennai</option>
<option value="Delhi">Delhi</option>
<option value="Hyderabad">Hyderabad</option>
<option value="Jaipur">Jaipur</option>
</select>
</div>
```

4: What kind of security technique is employed in the project?

This project is a public website so that anyone can access this website.

5: Does the content sufficient the purpose of website in terms of functional requirements?

The content in the website fulfills all the functional requirements of the website. It provides all the information about every section of the project with pictorial references thus helping in better understanding .

6: Have you employed any function for the modularization of web pages?

The website is designed in a single module.

7: Have you used GitHub repository to maintain different revisions of the project?

Yes I have used GitHub repository to maintain revisions of the projects. The snapshot of the links of the GitHub repository are provided below:

24Online Client | 202saloni/saloni_a11_k1640 at 6 | (1) Most INTERESTING Facts A | +

GitHub, Inc. (US) | https://github.com/202saloni/saloni_a11_k1640/tree/6ce2993 | Search

This repository | Search | Pull requests | Issues | Marketplace | Explore

202saloni / saloni_a11_k1640 | Watch 0 | Star 0 | Fork 0

Code | Issues 0 | Pull requests 0 | Projects 0 | Wiki | Insights | Settings

Description: Projected realted to blood donation camp

Website: Website for this repository (optional) | Save | Cancel

3 commits | 1 branch | 0 releases | 1 contributor

Tree: 6ce2993f85 | New pull request | Create new file | Upload files | Find file | Clone or download


202saloni this is my commit | Latest commit 6ce2993 3 hours ago

a.html	this is my commit	3 hours ago
about.html	this is my commit	3 hours ago
aboutblood.html	this is my commit	3 hours ago
contacts.html	this is my commit	3 hours ago
getinvolved.html	this is my commit	3 hours ago
raisereq.html	this is my commit	3 hours ago


Type here to search | 8:05 PM 11/10/2017

HOME PAGE

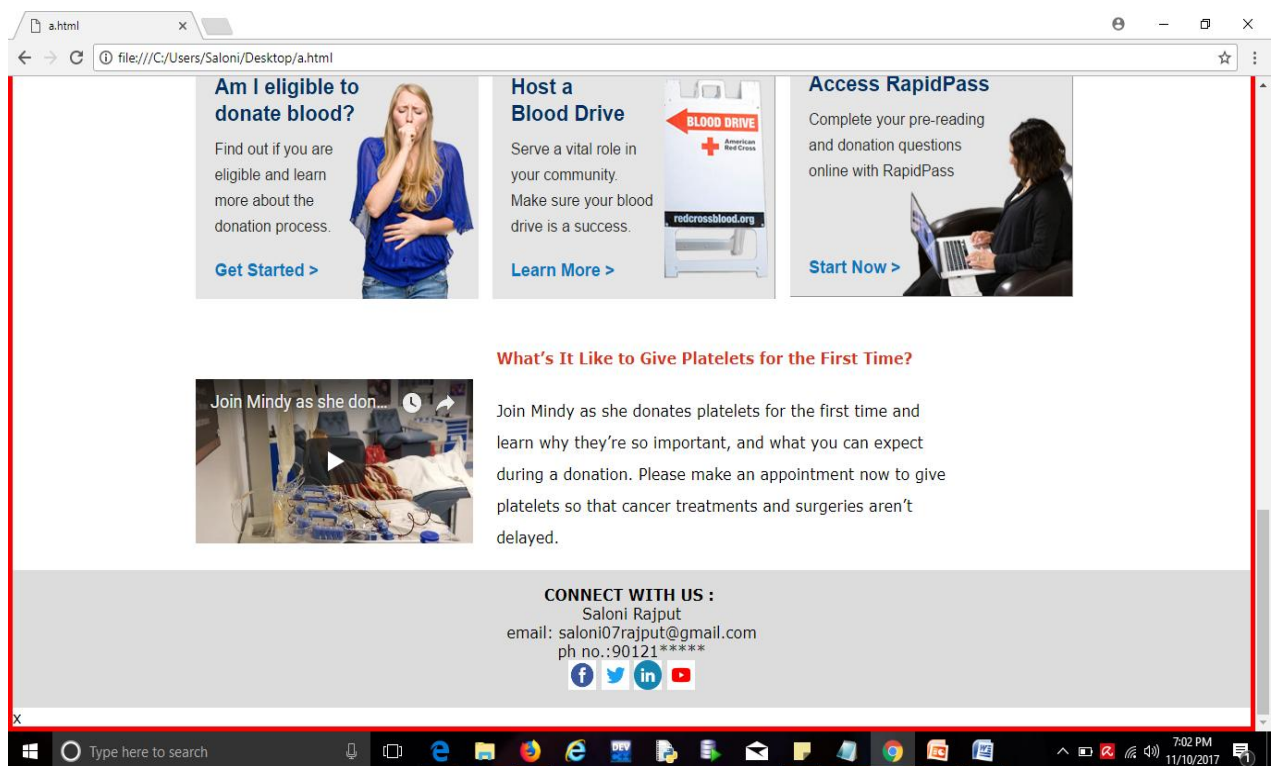
a.html | file:///C:/Users/Saloni/Desktop/a.html

 **BLOOD DONATION BANK**

HOME | ABOUT US | ABOUT BLOOD | RAISE A REQUEST | GET INVOLVED | CONTACT US

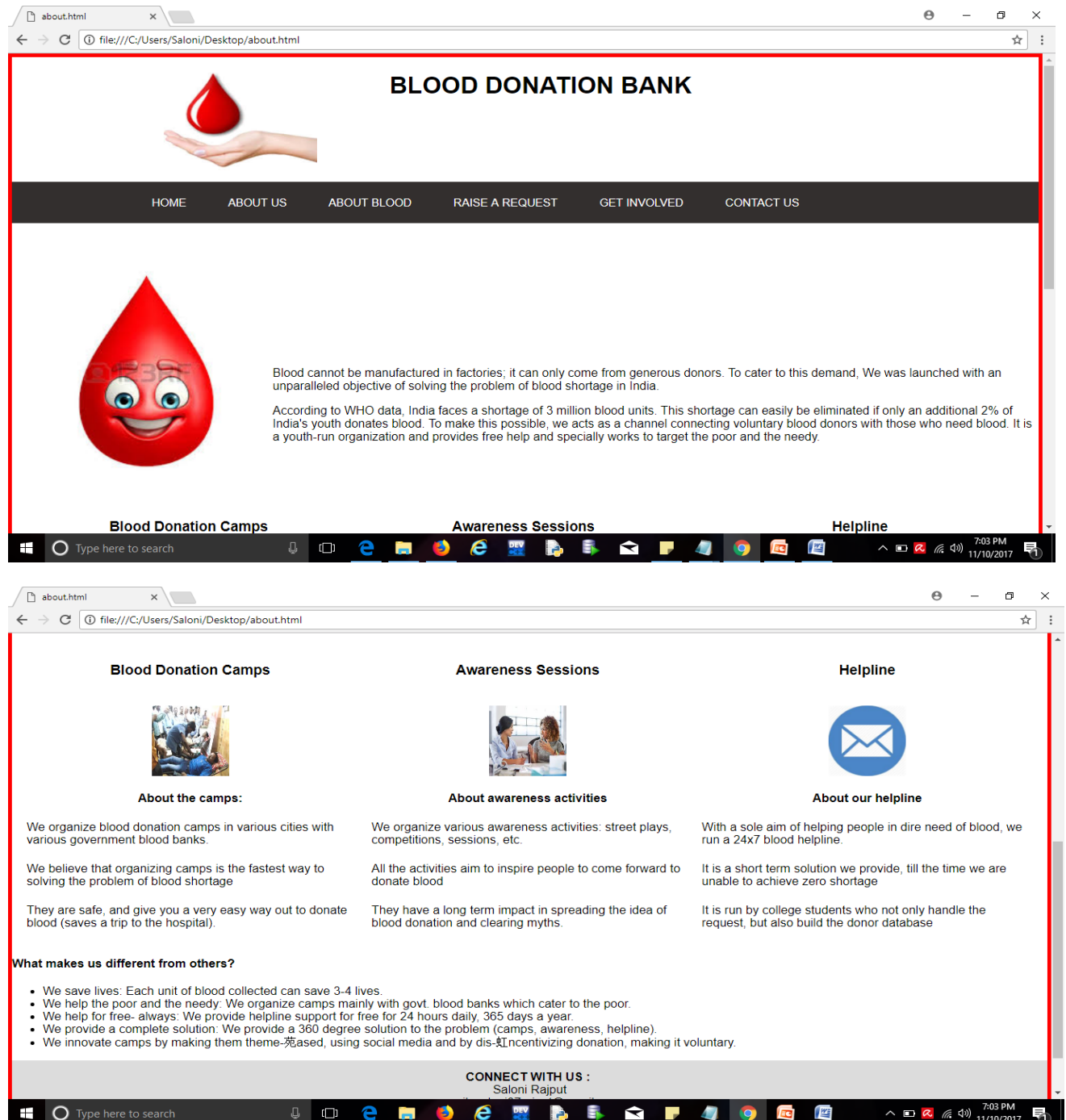
2 / 6 | 

Type here to search | 7:01 PM 11/10/2017



This page consist information about the website. How to organize camp, helpline and how to united together reduse the problem of blood storage. This page also consist a small video for the first time donor and information about us

ABOUT US:



This page consist the information about us. How we organize blood donation camps in various cities and various awarenss activities street plays, competition, sessions etc. It also consist information about our helpline.

RAISE A REQUEST:

BLOOD DONATION BANK

HOME ABOUT US ABOUT BLOOD RAISE A REQUEST GET INVOLVED CONTACT US

Patient's Name & Details:

Your name:

Select blood group required

A+ ▼

By when do you need blood?

Date:

Number of units required:

Phone:

Your address

Your email

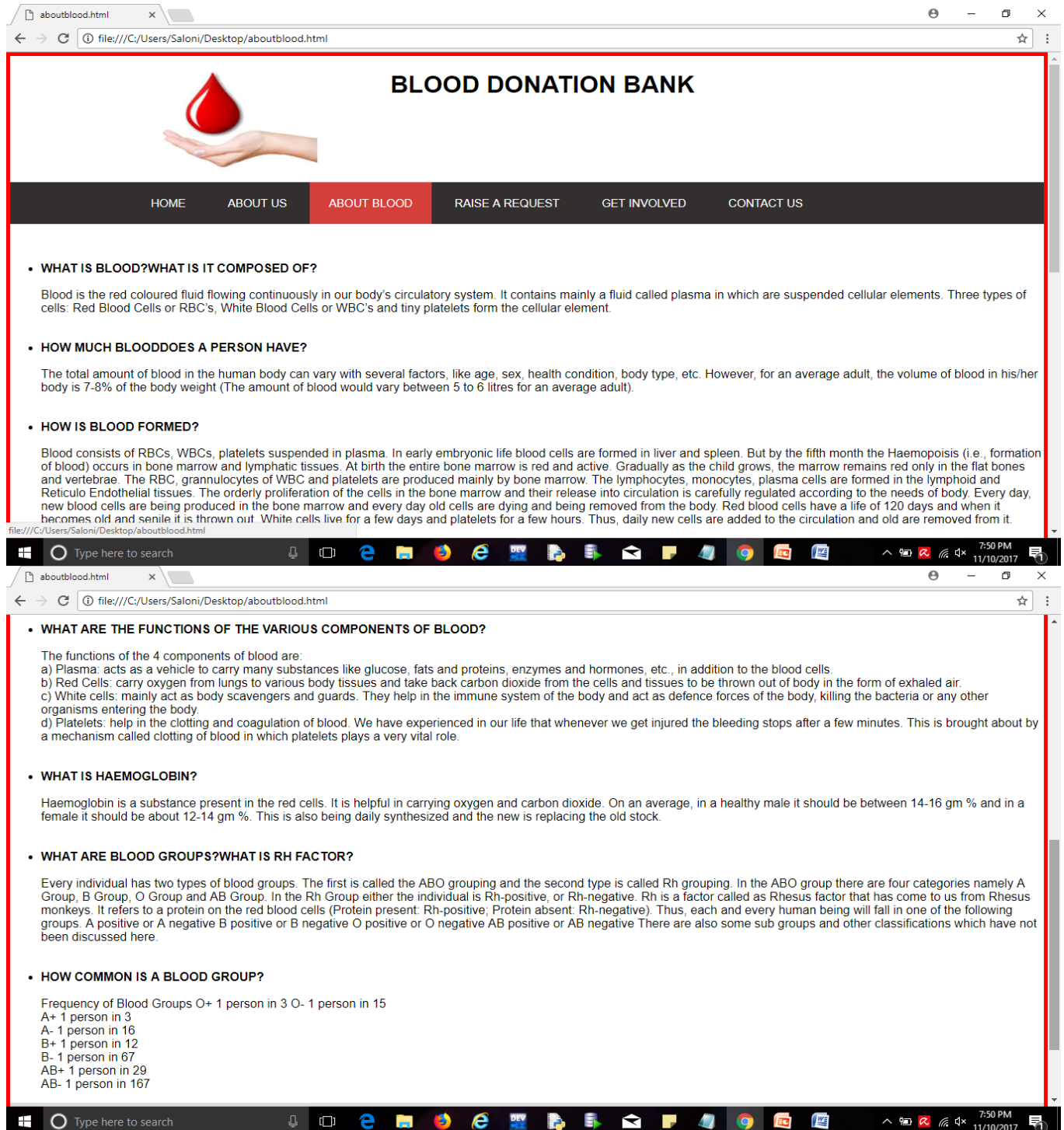
Blood/Platelet:

-none- ▼

CONNECT WITH US :
Saloni Rajput
email: saloni07rajput@gmail.com
ph no.: 90121****

This page consist a form for patients. Persons detail like blood group, phone number, email, address , hospital in which they can donate blood easily etc.

ABOUT BLOOD:



BLOOD DONATION BANK

HOME ABOUT US **ABOUT BLOOD** RAISE A REQUEST GET INVOLVED CONTACT US

- **WHAT IS BLOOD? WHAT IS IT COMPOSED OF?**

Blood is the red coloured fluid flowing continuously in our body's circulatory system. It contains mainly a fluid called plasma in which are suspended cellular elements. Three types of cells: Red Blood Cells or RBC's, White Blood Cells or WBC's and tiny platelets form the cellular element.
- **HOW MUCH BLOOD DOES A PERSON HAVE?**

The total amount of blood in the human body can vary with several factors, like age, sex, health condition, body type, etc. However, for an average adult, the volume of blood in his/her body is 7-8% of the body weight (The amount of blood would vary between 5 to 6 litres for an average adult).
- **HOW IS BLOOD FORMED?**

Blood consists of RBCs, WBCs, platelets suspended in plasma. In early embryonic life blood cells are formed in liver and spleen. But by the fifth month the Haemopoiesis (i.e., formation of blood) occurs in bone marrow and lymphatic tissues. At birth the entire bone marrow is red and active. Gradually as the child grows, the marrow remains red only in the flat bones and vertebrae. The RBC, granulocytes of WBC and platelets are produced mainly by bone marrow. The lymphocytes, monocytes, plasma cells are formed in the lymphoid and Reticulo Endothelial tissues. The orderly proliferation of the cells in the bone marrow and their release into circulation is carefully regulated according to the needs of body. Every day, new blood cells are being produced in the bone marrow and every day old cells are dying and being removed from the body. Red blood cells have a life of 120 days and when it becomes old and senile it is thrown out. White cells live for a few days and platelets for a few hours. Thus, daily new cells are added to the circulation and old are removed from it.
- **WHAT ARE THE FUNCTIONS OF THE VARIOUS COMPONENTS OF BLOOD?**

The functions of the 4 components of blood are:
a) Plasma: acts as a vehicle to carry many substances like glucose, fats and proteins, enzymes and hormones, etc., in addition to the blood cells.
b) Red Cells: carry oxygen from lungs to various body tissues and take back carbon dioxide from the cells and tissues to be thrown out of body in the form of exhaled air.
c) White cells: mainly act as body scavengers and guards. They help in the immune system of the body and act as defence forces of the body, killing the bacteria or any other organisms entering the body.
d) Platelets: help in the clotting and coagulation of blood. We have experienced in our life that whenever we get injured the bleeding stops after a few minutes. This is brought about by a mechanism called clotting of blood in which platelets plays a very vital role.
- **WHAT IS HAEMOGLOBIN?**

Haemoglobin is a substance present in the red cells. It is helpful in carrying oxygen and carbon dioxide. On an average, in a healthy male it should be between 14-16 gm % and in a female it should be about 12-14 gm %. This is also being daily synthesized and the new is replacing the old stock.
- **WHAT ARE BLOOD GROUPS? WHAT IS RH FACTOR?**

Every individual has two types of blood groups. The first is called the ABO grouping and the second type is called Rh grouping. In the ABO group there are four categories namely A Group, B Group, O Group and AB Group. In the Rh Group either the individual is Rh-positive, or Rh-negative. Rh is a factor called as Rhesus factor that has come to us from Rhesus monkeys. It refers to a protein on the red blood cells (Protein present: Rh-positive; Protein absent: Rh-negative). Thus, each and every human being will fall in one of the following groups. A positive or A negative B positive or B negative O positive or O negative AB positive or AB negative There are also some sub groups and other classifications which have not been discussed here.
- **HOW COMMON IS A BLOOD GROUP?**

Frequency of Blood Groups O+ 1 person in 3 O- 1 person in 15
A+ 1 person in 3
A- 1 person in 16
B+ 1 person in 12
B- 1 person in 67
AB+ 1 person in 29
AB- 1 person in 167


This page consists the information about human blood. The function of various components of blood, hemoglobin, blood group and their factor.

GET INVOLVED:

getinvolved.html x

file:///C:/Users/Saloni/Desktop/getinvolved.html

BLOOD DONATION BANK



HOME ABOUT US ABOUT BLOOD RAISE A REQUEST GET INVOLVED CONTACT US

The blood you donate gives someone another chance at life.

GIVE THE GIFT OF LIFE DONATE BLOOD

Organizing blood donation camps is the perfect way to cater to the demand of blood. Everyone wants to contribute towards the society and save lives. You, as a camp organizer, are giving everyone a chance to do so. Organize these camps regularly and bring smiles to many faces. To organize a camp with us, fill up this form

The BloodConnect team, consisting of passionate students, has been organizing blood donation camps for more than 3 years. It has experience of organizing these camps in various locations. Our team is there to help you through all the steps of organizing the blood donation camp. Find below, a step by step process:

CONTACT

getinvolved.html x

file:///C:/Users/Saloni/Desktop/getinvolved.html

DONATE BLOOD

The BloodConnect team, consisting of passionate students, has been organizing blood donation camps for more than 3 years. It has experience of organizing these camps in various locations. Our team is there to help you through all the steps of organizing the blood donation camp. Find below, a step by step process:

CONTACT US:	FINALIZE A VENUE:	CONFIRM DATE:	PUBLICIZE:	CAMP DAY:	POST CAMP WORK:
We are there to ensure, you organize a successful blood donation camp. Fill up this form to contact us or send us an email.	We can organize the camp in a college, corporate office and residential area. If you cannot find a properly ventilated location inside the building, we can also help you organize a camp outside in a bus/van.	Finalize a date 2-3 weeks in advance. We contact the various blood banks on your behalf and it usually takes 2-4 days to finalize the blood bank. After that, we should leave 2 weeks time for the publicity of the camp.	We need to publicize the camp in all ways possible- online mailing, posters and standees. We have a collection of posters, which will help you out in this process. We can also organize an awareness session if required.	Our volunteers are there before the start to help you out in arranging the venue. They will plan out the decorations such that the donor feels special while donating blood at the camp. There are also certain requirements on camp day such as water, electricity supply, tables, etc., which we will inform you beforehand.	We send out mails to all donors thanking them for donating blood and asking them for the feedback on the camp. Based on that, we judge how successful the camp was and what all needs to be worked upon for future blood donation camps.

Which blood bank do we call for the camp?

We only organize blood donation camps with government blood banks. We believe that in the government blood banks/govt. hospitals, majority of the blood is used to help out the underprivileged. It goes in-line with our objective to help those who are in dire need and those who cannot get help by any other means. We finalize the blood bank based on 3 factors: Shortage in blood bank at that time, the distance of the venue from the blood bank and your preference.

CONNECT WITH US :
Saloni Rajput
email: saloni07rajput@gmail.com
ph no.: 90121*****

11/10/2017

This page consist the information about the steps to follow if you want to organize a blood camp near you.

CONTACT US:

The screenshot displays a web browser window with the address bar showing `file:///C:/Users/Saloni/Desktop/contacts.html`. The page features a header with a logo of a hand holding a red blood drop and the text "BLOOD DONATION BANK". Below the header is a navigation bar with links: HOME, ABOUT US, ABOUT BLOOD, RAISE A REQUEST, GET INVOLVED, and CONTACT US. The main content area is titled "CONTACT US" and contains a form with the following fields:

- Name
- Organization you are representing
- Email ID:
- Phone:
- City/Region
- select a region-
- Please enter your message
- Your query concerns: -select-

A red "Submit" button is located at the bottom of the form. Below the form, a footer section titled "CONNECT WITH US :" provides contact information: Saloni Rajput, email: saloni07rajput@gmail.com, and phone: 9910124444. The browser's taskbar at the bottom shows the Windows Start button, a search bar, and various application icons, with the system clock indicating 7:58 PM on 11/10/2017.

This contact us webpage consist a form. Threw which anyone can indirectly contact us and directly threw by mails and call.