BLOOD DONATION SITE

END TERM REPORT

by

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GROUP 1
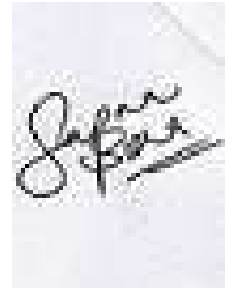
LOVELY PROFESSIONAL UNIVERSITY

Department of Intelligent Systems
School of Computer Science Engineering
Lovely Professional University, Jalandhar
MAY 2022

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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(12113188)

Lovely Professional University,
Jalandhar May-2022

BONAFIDE CERTIFICATE

Certified that this project report "Blood Donation Site" is the bonafide work of "Sapna bora(12115926) and Anil Himam Godugu(12113188)" who carried out the project work under my supervision.

Ashish Srivastava
Professor
(UID: 25703)
Division of Information Technology

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Background and Objective

Hemo Store , Blood Donating site is a website created as a group project work of CSE326. Blood donation is all about saving lives. So this site is all about creating awareness about blood donations and the benefits related to it.

The website is therefore a awareness spreading website for the users where they can gather information related to body and blood types. Each element of the website is carefully designed to make it look intuitive, compact as well as simplistic. The design of the site will even inspire people to donate blood once in a lifetime.

Description of the Modules

1. First Page

As the name suggests the login page is
the first page users see when they open our site.
With limited functionality the main page shows
the title, the logo and a login page that directs the
user to our main page.

2. Home Page

The main page of our website i.e the home page
displays the necessary information for the user to
find the requirements for donation. The
main page shows the title and a top-most
navigation bar that stays fixed while user
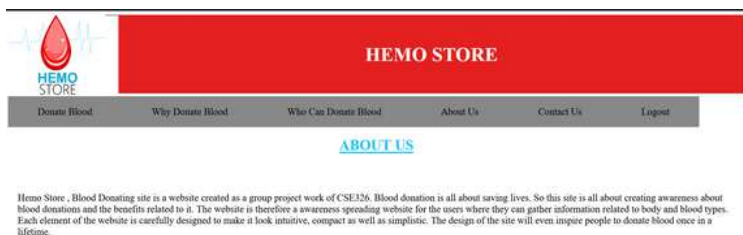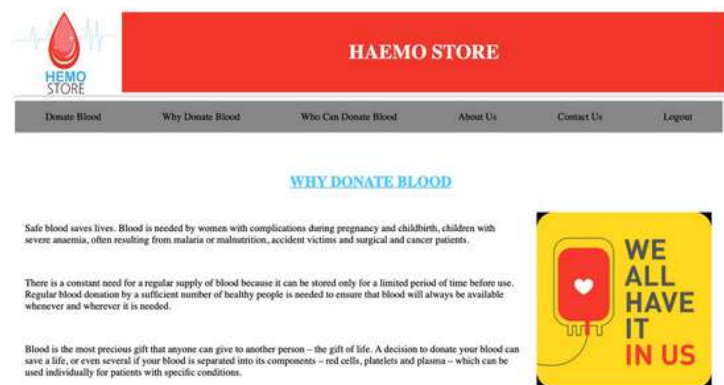changes the tab for the new page.

3. Why donate blood

This section of the page shows a short
paragraph on why to donate blood. The
necessities it holds for the user to understand
even more the importance of blood donation.
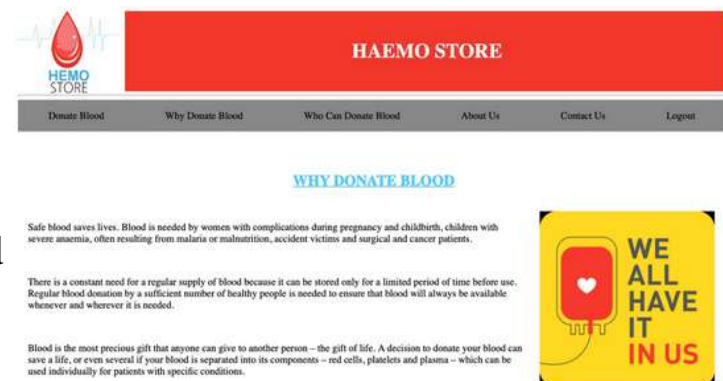
3.Who can give blood

This section of the page shows criteria on who can donate blood. The user gets to know some basic health criteria's that are to be kept in mind before donation.

WHY DONATE BLOOD

Safe blood saves lives. Blood is needed by women with complications during pregnancy and childbirth, children with severe anaemia, often resulting from malaria or malnutrition, accident victims and surgical and cancer patients.

There is a constant need for a regular supply of blood because it can be stored only for a limited period of time before use. Regular blood donation by a sufficient number of healthy people is needed to ensure that blood will always be available whenever and wherever it is needed.

Blood is the most precious gift that anyone can give to another person – the gift of life. A decision to donate your blood can save a life, or even several if your blood is separated into its components – red cells, platelets and plasma – which can be used individually for patients with specific conditions.

ABOUT US

Hemo Store , Blood Donating site is a website created as a group project work of CSE326. Blood donation is all about saving lives. So this site is all about creating awareness about blood donations and the benefits related to it. The website is therefore a awareness spreading website for the users where they can gather information related to body and blood types. Each element of the website is carefully designed to make it look intuitive, compact as well as simplistic. The design of the site will even inspire people to donate blood once in a lifetime.

4.About Us

Like the main section, the About Us section too is a descriptive section where user can read about the site and the motive behind to build it.

5.Contact Us

The contact us Section displays different method to reach us .One way to allow users to contact directly to us and the other for contact details of the website.

For more information about us	
Email:	Haemostore@gmail.com
Phone Number:	9675420259 / 8954529987
Landline number:	0477-2234568 / 0432-6664732

6.Logout

As the name suggests this section logouts the user from the site and again a login page is displayed.

7.Register

As the name suggests this section registers the new user. Then a button takes the user back to login page to enter into the home page.
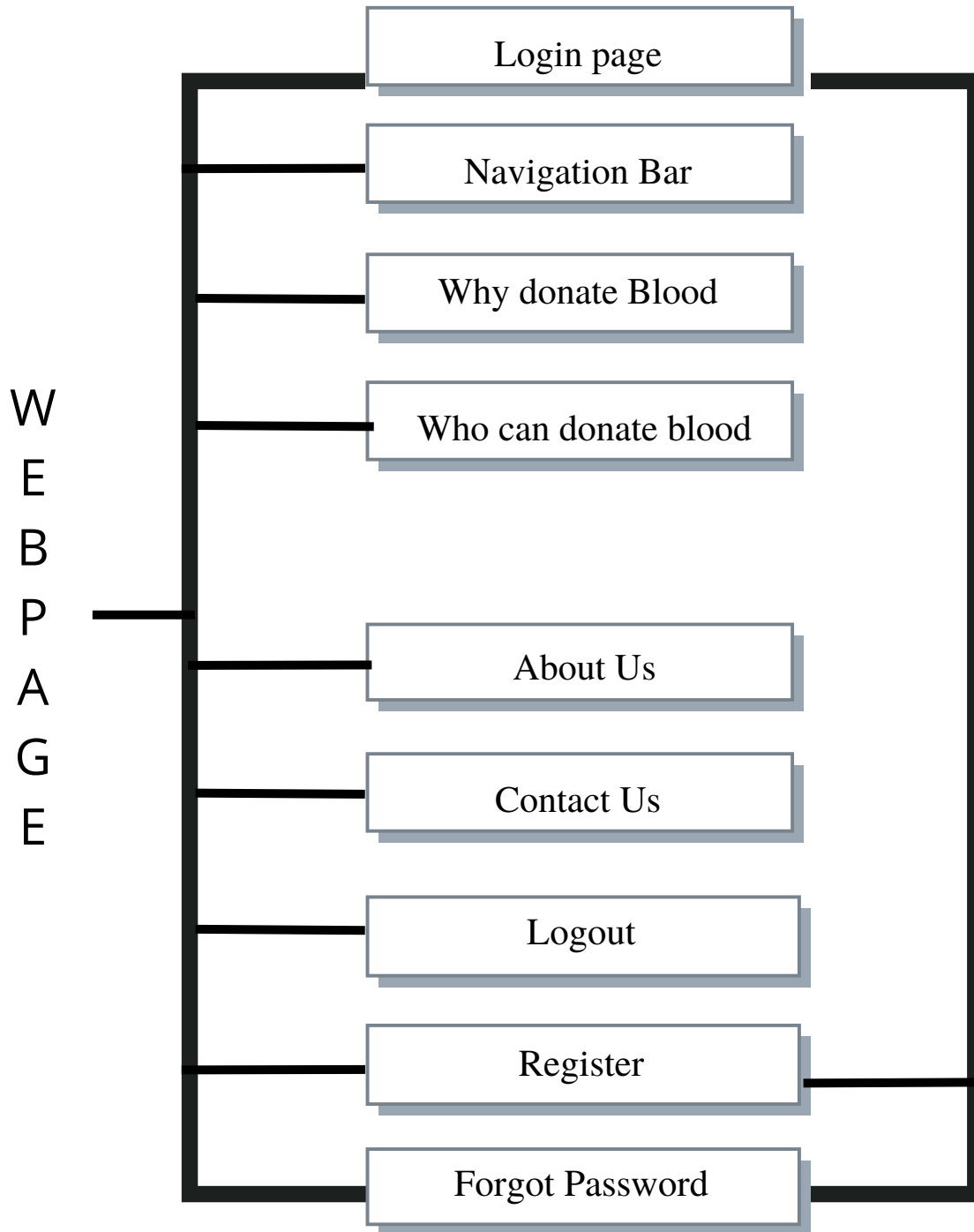

8.Forgot password

As the name suggests this section is made for the users who forget their login password. After setting up new password the user is again directed back to login page.

Flowchart of the Website

W
E
B
P
A
G
E

Login page

Navigation Bar

Why donate Blood

Who can donate blood

About Us

Contact Us

Logout

Register

Forgot Password

Role of Each Member

Although we had to connect over the Internet, group members were in constant contact throughout the project. We discussed every aspect of the project thoroughly. Despite being differences in knowledge we made sure each member understood and contributed equally towards the project. Overall, every member offered equally, below are the key points that we each member did:

Sapna Bora

- Created Register section, Navigation Bar, other sub pages.
- Helped in styling.
- Created the logo.
- Helped choosing the colour scheme.
- Added Favicon.
- Help group mate in their part of work.

Anil Himam Godugu

- Created login page, main page, other sub pages.
- Helped in styling.
- Added the Gifs, photos, video, javascript.
- Helped choosing the colour scheme.
- Added extra element to the pages.
- Help group mate in their part of work.

Timeline of The Project

Start

08/02/2022
Project assigned

26/02/2022
Group Assembled

05/03/2022
Created Blueprint

26/02/2022
Created First Page

03/04/2022
Created different Sections

08/05/2022
Added animations and Gifs

08/05/2022
Added Java

08/05/2022
Website Finalised

08/05/2022
Made Final Report
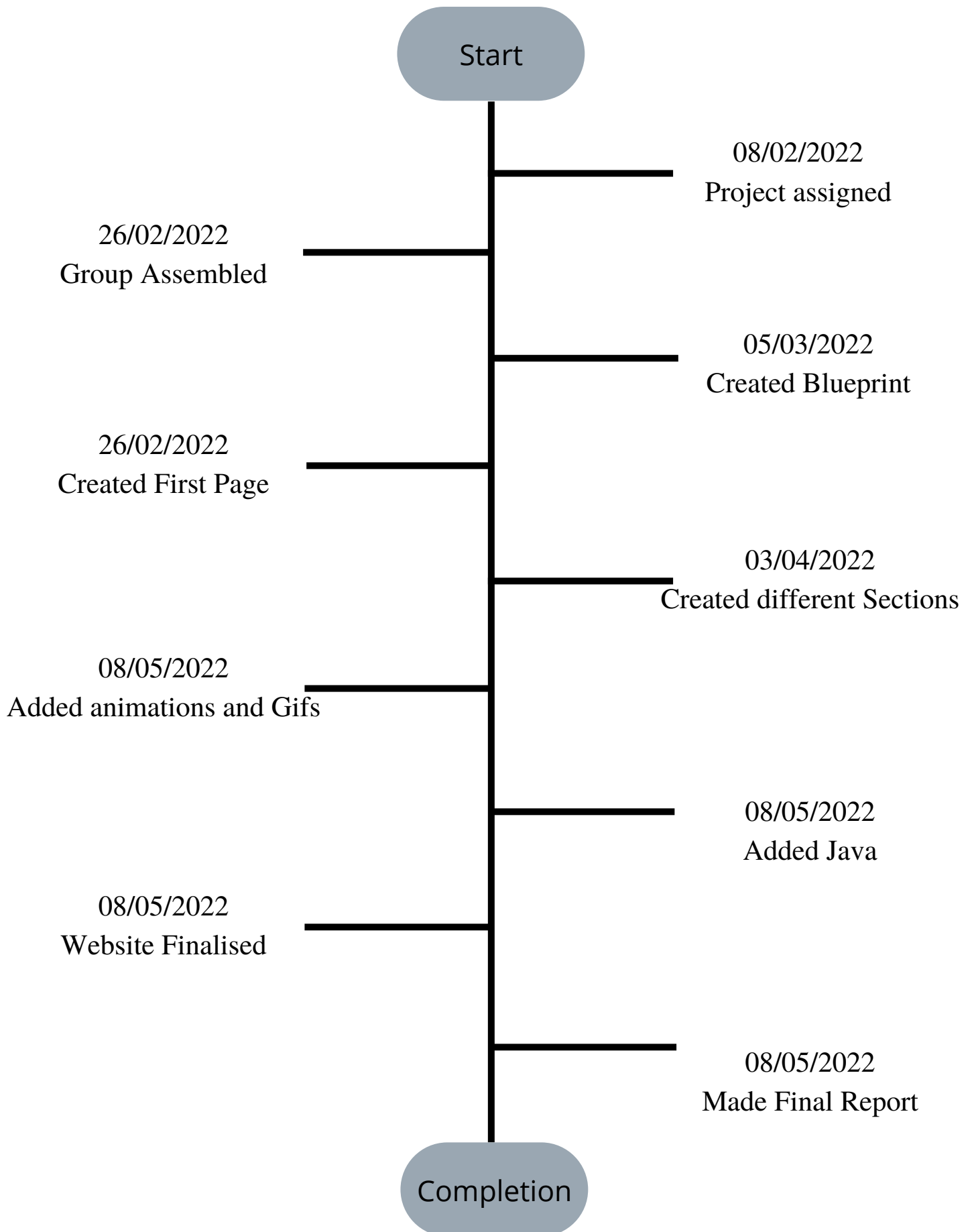
Completion

Implementation of The Project

To create this project, we used Visual Studio Code. The complete website has been created using HTML, CSS, JAVASCRIPT only. When we received our project, we decided to stick to the layout we were provided with. Therefore, our style tends to be similar to the sample image. We made our site look as simplistic as possible to create a vivid user experience. The complete website's layout has been created over tables and common CSS styling such as padding and text formatting. We also used some JavaScript to make the site more intuitive. We also sticked to a color pallet for the site which are shown below:

Colors Used:

For Navigation Bar

Navbar hover

Submit Hover

Headings

Navigation Bar:

The topmost navigation bar is fixed. It displays the name of the store along with the logo of the site. Below the name is the nav bar displaying all its content.

Apart from the layout the CSS is also created using simple codes as shown below:

```html
<div style="float: left; margin-top: 0px; margin-left: 0px;" class="progress">
    <img src="HAEMO STORE SMALL.png" class="image">
</div>
```

```css
.image
{
    margin: 0;
    width: 200px;
    height: 163px;
}
```

Used Gifs to make the site more interesting:

Site Screenshot:

HEMO STORE

| Username |
| Password |
| **Login** |

Register Forgot Password

HAEMO STORE

| Donate Blood | Why Donate Blood | Who Can Donate Blood | About Us | Contact Us | Logout |

Search For Blood

State —Select state—
City —Select City—
Blood Group —Select Blood Group—
Search

A (-ve) can donate

A+ B- B+ O- AB- AB+ O+ A-

Donate Blood

State —Select State—
City —Select City—
Blood Group —Select Blood Group—
Search

HAEMO STORE

| Donate Blood | Why Donate Blood | Who Can Donate Blood | About Us | Contact Us |

WHY DONATE BLOOD

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HAEMO STORE

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WHO CAN GIVE BLOOD

To ensure the safety of both patients and donors, these are some of the requirements donors must meet to be eligible to donate blood based on their donation type.

Whole Blood Donation

- Donation frequency: Every 56 days, up to 6 times a year.
- You must be in good health and feeling well.
- You must be at least 16 years old in most states.
- You must weigh at least 110 lbs or 50 kg.

Power Red Donation

- Donation frequency: Every 112 days, up to 3 times a year.
- You must be in good health and feeling well.
- **Male donors:** must be at least 17 years old in most states, at least 5'1" tall and weigh at least 130 lbs or 60 kg.
- **Female donors:** must be at least 19 years old, at least 5'5" tall and weigh at least 150 lbs or 68 kg.

4 Steps to Donate Blood

1) Registration

2) Medical history

Donate Blood   Why Donate Blood   Who Can Donate Blood   About Us   Contact Us   Logout

Email:	Haemostore@gmail.com
Phone Number:	9675420259 / 8954529987
Landline number:	0477-2234568 / 0432-6664732

be the
PULSE
of SUMMER
Donate Blood

HEMO STORE

Donate Blood   Why Donate Blood   Who Can Donate Blood   About Us   Contact Us   Logout

ABOUT US

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HEMO STORE

New Password

Confirm Password

Confirm

HEMO STORE

Username

Security Key

Verify

Back to Home

HEMO STORE

Username

Password

Login

Register   Forgot Password

Technologies and Frameworks Used:

The website is created in Visual Studio and is written using:
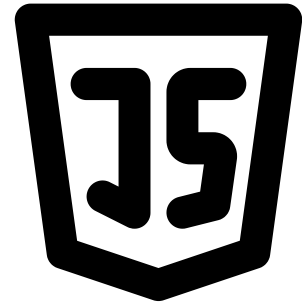
For reference and knowledge, we did use these sites:

- https://www.w3schools.com
- https://www.youtube.com

Strengths:

- Responsive Website
- Intuitive and Compact
- Great UI

Weakness:

- Site animations could be better .
- Contact Us does not so much.

Screenshot of Our coding screen