

BLOOD DONATION SITE

END TERM REPORT

by

SAPNA BORA(RKOC06B41)
ANIL HIMAM GODUGU(RKOC06B63)
GROUP 1

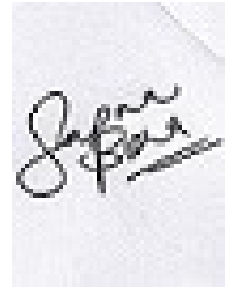


L OVELY
P ROFESSIONAL
U NIVERSITY

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.



Sapna Bora (12115926)



Anil Himam Godugu
(12113188)

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

TABLE OF CONTENTS

1 Background and Objectives

2 Description of Project Modules

3 Flowchart of Website

4 Role of Each Member

5 Timeline of Project

6 Implementation of Project

7 Screenshot of Website

8 Technologies and Framework
Used

9 Bibliography

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.



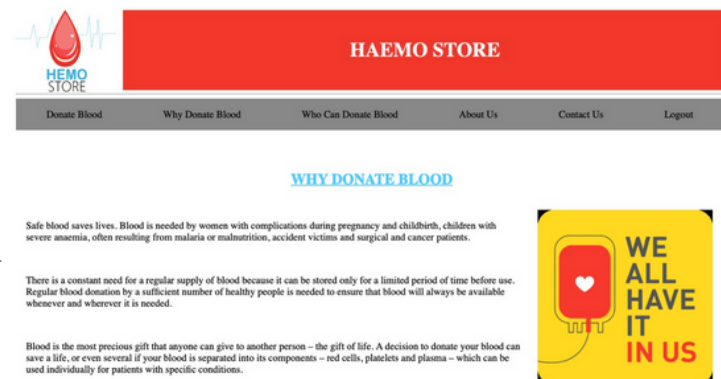
2. Home Page

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.



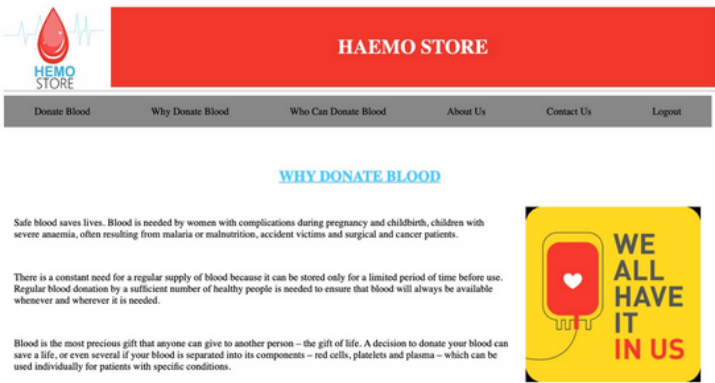
3. Why donate blood

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.



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.



6. Logout

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



The login form for Hemo Store features a logo at the top consisting of a red blood drop with a white pulse line passing through it, and the text 'HEMO STORE' below it. The form contains three input fields: 'Username', 'Password', and 'Security Key'. Below these fields is a red 'Register' button and a blue 'Back to Home' link.




The verification form for Hemo Store features the same logo as the login form. It contains two input fields: 'Username' and 'Security Key'. Below these fields is a red 'Verify' button and a blue 'Back to Home' link.

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.

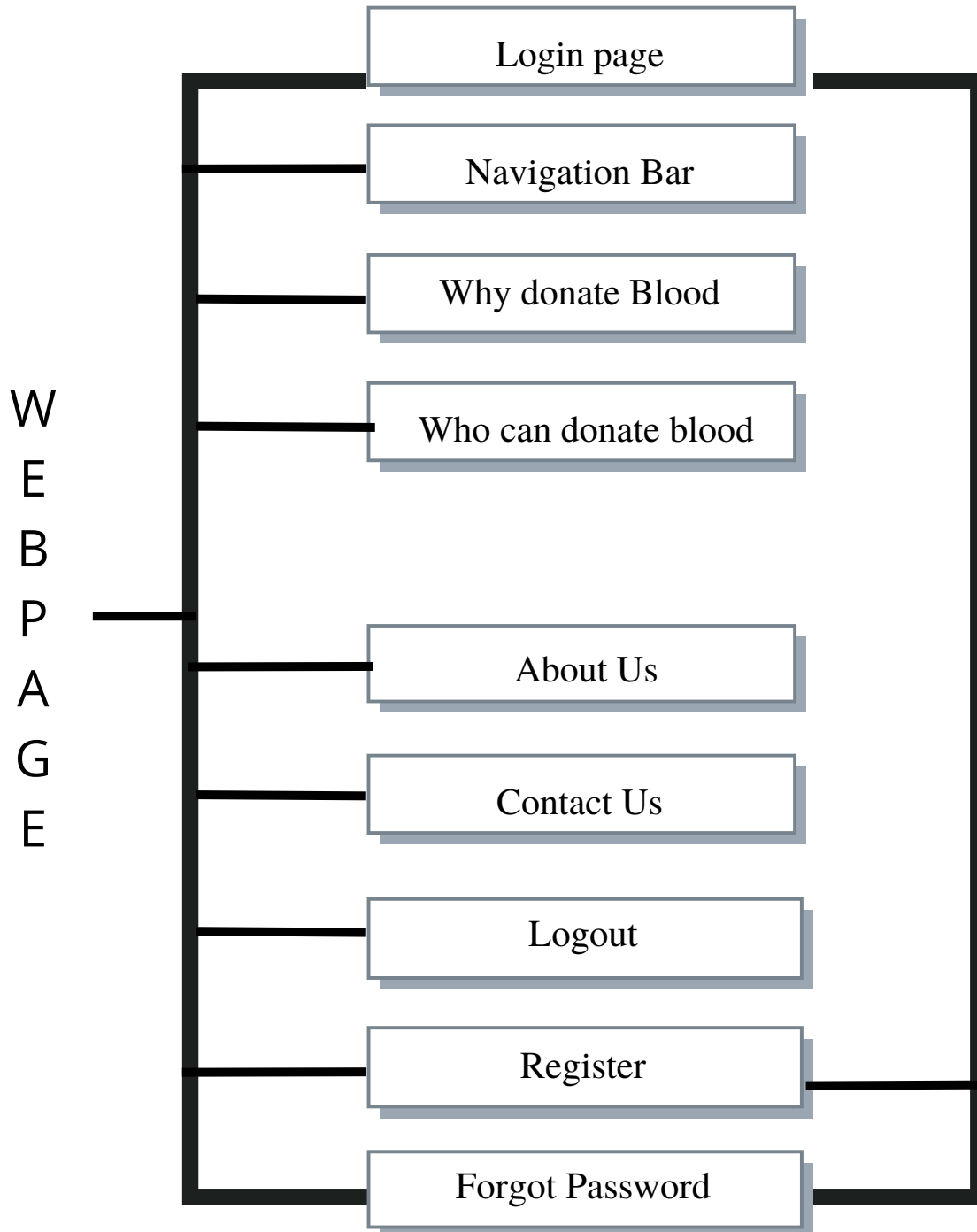
8. Forgot password

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.



The forgot password form for Hemo Store features the same logo. It contains two input fields: 'New Password' and 'Confirm Password'. Below these fields is a green 'Confirm' button.

Flowchart of the Website



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:

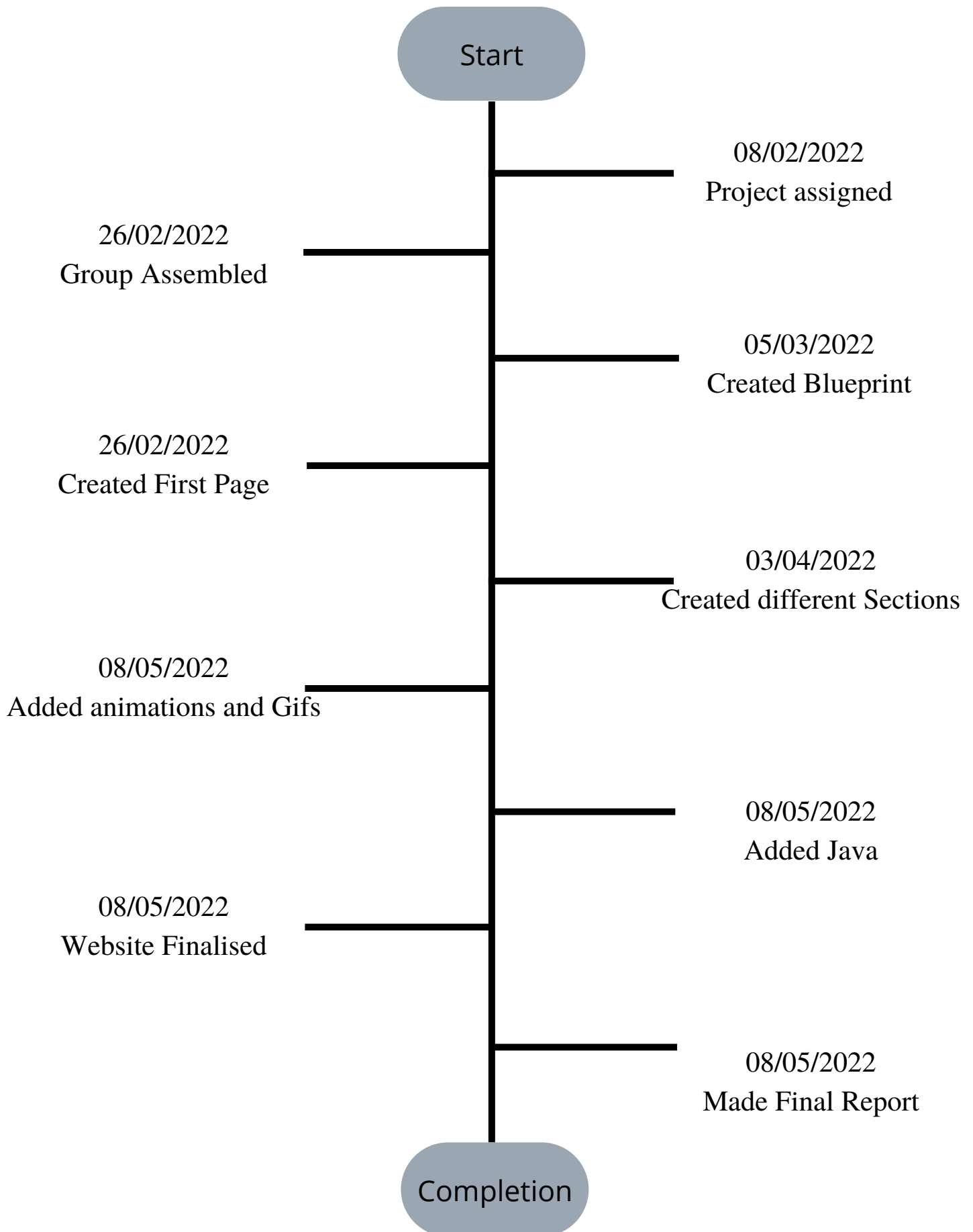
Sapna Bora

- 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



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 stuck 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:

```
<div style="float: left; margin-top: 0px; margin-left: 0px;" class="progress">
  
</div>
```



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

Used Gifs to make the site more interesting:



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.



For more information about us

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



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 and



Site Screenshot:



[Register](#) [Forgot Password](#)



HAEMO STORE

[Donate Blood](#) [Why Donate Blood](#) [Who Can Donate Blood](#) [About Us](#) [Contact Us](#) [Logout](#)

Search For Blood

State

City

Blood Group

A (-ve) can donate

A+

B+

B+

O+

AB+

AB+

O+

A+

Donate Blood

State

City

Blood Group



HAEMO STORE

[Donate Blood](#) [Why Donate Blood](#) [Who Can Donate Blood](#) [About Us](#) [Contact Us](#)

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- **Female donors:** must be at least 19 years old, at least 5'3" tall and weigh at least 150 lbs or 68 kg.

4 Steps to Donate Blood

- 1) Registration
- 2) Medical history








HAEMO STORE

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Phone Number:	9675420259 / 8954529987
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HEMO STORE

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[ABOUT US](#)

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[Back to Home](#)



[Register](#)
[Forgot Password](#)

Technologies and Frameworks Used:

The website is created in Visual Studio and is written using:

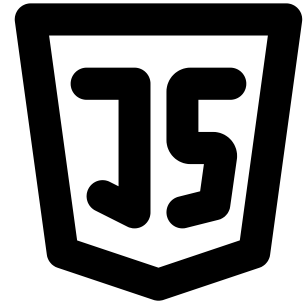
HTML



CSS



JAVASCRIPT



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

```
HTML > HeamoStore.github.io > # homepage.css > .video
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.login_cred
{
  width: 500px;
  height: 50px;
}

.submit
{
  border-radius: 10px;
  text-align: center;
  font-size: 30px;
  background-color: #66ffff;
}

.submit:hover
{
  background-color: #00ffff;
}

.header
{
  width: 85%;
  float: right;
  background-color: rgb(228, 31, 31);
}

.text
{
  text-align: center;
  padding: 30px;
  font-size: 40px;
  color: white;
}

.image
{
  margin: 0;
}

HTML > HeamoStore.github.io > index.html > ...
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<!DOCTYPE html>
<html lang="en">
<head>
  <!-- Meta Tags -->
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta content="width=device-width, initial-scale=1" name="viewport"/>

  <!-- Title -->
  <title>navigation</title>

  <!-- Styling Code -->
  <link rel="stylesheet" type="text/css" href="homepage.css">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
</head>

<body>

  <!-- heading Image -->
  <div style="float: left; margin-top: 0px; margin-left: 0px;">
    
  </div>

  <!-- Heading -->
  <div class="header">
    <h1 class="text">HAEMO STORE</h1>
  </div>

  <hr width="100%">

  <!-- Navbar -->
  <div>
    <ul>
      <li><a href="index.html">Donate Blood</a></li>
      <li><a href="whydonateblood.html">Why Donate Blood</a></li>
    </ul>
  </div>
</body>
```

```
HTML > HeamoStore.github.io > # homepage.css > .video
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<!-- Meta Tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Title -->
<title>Register</title>

<!-- Styling code -->
<link rel="stylesheet" type="text/css" href="style.css">
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
  <div class="progress"></div>

  <div style="text-align:center;">
    
    <form>
      <!-- Username -->
      <input type="text" name="username" placeholder="Username"
        class="login_cred text">
      <br>
      <!-- Password -->
      <input type="password" name="password" placeholder="Password"
        autocomplete="off" class="login_cred text">
      <br>
      <!-- security key -->
      <input type="securitykey" class="login_cred text"
        placeholder="Security Key" autocomplete="off">
      <br>
      <!-- Submit Button -->
    </form>
  </div>
</body>

HTML > HeamoStore.github.io > index.html > ...
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