IMPLEMENTING WEB APPLICATION

Create UI To Interact with Application

Date	7 November, 2022
Team ID	PNT2022TMID00855
Project Name	Plasma Donor Application

Header.svelte

```
<script>
        import ImageCarousel from '../components/ImageCarousel.svelte'
        import Modal from '../components/Modal.svelte'
        import Navbar from '../components/Navbar.svelte'
        import Login from './Login.svelte'
        import Registration from './Registration.svelte'
</script>



        <Navbar />
        <Modal>
          <Login slot="login" />
          <Registration />
        </Modal>
        <ImageCarousel />
```

Registration.svelte

```svelte
<script>
    import TextInput from '../components/TextInput.svelte'
    // import { isEmpty } from '../helpers/validation.js'
    // import { isValidEmail } from '../helpers/validation.js'
    // import { isValidAge } from '../helpers/validation.js'
    // import { isValidPassword } from '../helpers/validation.js'
    // import { isValidConfirmPassword } from '../helpers/validation.js'


    let userName = ''
    let userEmail = ''
    let userDob = ''
    let userGender
    let phoneNumber = ''
    let userAge = ''
    let userPassword = ''
    let userConfirmPassword = ''


    $: validUserName = !isEmpty(userName)
    $: validUserEmail = isValidEmail(userEmail)
    $: validUserDob = !isEmpty(userDob)
    $: validPhoneNumber = !isEmpty(phoneNumber)
    $: validUserAge = isValidAge(userAge)
    $: validUserPassword = isValidPassword(userPassword)
    $: validUserConfirmPassword = isValidConfirmPassword(userConfirmPassword)


    function isEmpty(val) {
      return val.trim().length === 0
    }


    function isValidEmail(val) {
      return new RegExp(
        "[a-z0-9!#$%&'*+/=?^_`{|}~-]+(?:.[a-z0-9!#$%&'*+/=?^_`{|}~-]+)*@(?:[a-z0-9](?:[a-z0-9-]*[a-z0-9])?.)+[a-z0-9](?:[a-z0-9-]*[a-z0-9])?"
      ).test(val)
    }


    function isValidPassword(val) {
      return new RegExp(
        '^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#$%^&*])(?=.{8,})'
      ).test(val)
```

```
    }


    function isValidConfirmPassword(val) {
      if (val === userPassword) {
        return true
      } else {
        return false
      }
    }



    function isValidAge(val) {
      if (val < 18) {
        // validUserAge = "Age is below 18,Not Eligible"
        return false
      } else if (val > 50) {
        // validUserAge = "Age is above 50,Not Eligible"
        return false
      }
      return true
    }
</script>



<form action="|" class="container relative modal-box"
on:submit|preventDefault>
  <h1 class="mb-4 mr-auto mt-16 text-3xl uppercase md:mt-0 md:mb-8">
    Register
  </h1>
  <label
    for="register-modal"
    class="absolute btn btn-sm btn-circle right-2 top-2"
    >✕
  </label>
  <TextInput
    type="text"
    label="Name:"
    id="name"
    name="username"
    placeholder="UserName"
    inputIcon="fa-solid fa-user"
    valid={validUserName}
    validityMessage="Please Fill in Your Name"
    value={userName}
    on:input={(event) => {
```

```
          userName = event.target.value
      }}
   />
   <TextInput
     type="email"
     label="Email ID:"
     id="email"
     name="email"
     placeholder="example@123.com"
     inputIcon="fa-solid fa-envelope"
     valid={validUserEmail}
     validityMessage="Please Fill in Your Email ID"
     value={userEmail}
     on:input={(event) => {
        userEmail = event.target.value
     }}
   />
   <TextInput
     type="date"
     label="DOB:"
     id="dateOfBirth"
     name="dob"
     inputIcon="fa-solid fa-calendar-days"
     valid={validUserDob}
     validityMessage="DOB is required"
     value={userDob}
     on:input={(event) => {
        userDob = event.target.value
     }}
   />
   <TextInput
     contentType="radioType"
     type="radio"
     label="Gender:"
     id="gender"
     name="gender"
     inputIcon="fa-solid fa-person-half-dress"
     valid={true}
     validityMessage="Gender is required"
     value={userGender}
     on:change={(event) => {
        userGender = event.target.value
     }}
   />
   <TextInput
     type="number"
```

```
            label="Mobile:"
            id="mobile no"
            name="mobile"
            maxlength="10"
            placeholder="Phone number"
            inputIcon="fa-solid fa-phone"
            valid={validPhoneNumber}
            validityMessage="Please Fill in Your Mobile number"
            value={phoneNumber}
            on:input={(event) => {
              phoneNumber = event.target.value
            }}
          />
          <TextInput
            contentType="ageType"
            type="number"
            label="Age:"
            id="age"
            name="age"
            placeholder="Age 18 - 50"
            inputIcon="null"
            valid={validUserAge}
            validityMessage="Please Fill in Your Age"
            value={userAge}
            on:input={(event) => {
              userAge = event.target.value
            }}
          />
          <TextInput
            type="password"
            label="Create Password:"
            id="createPassword"
            name="password"
            placeholder="Password@123"
            inputIcon="fa-solid fa-lock"
            valid={validUserPassword}
            validityMessage="Use a strong password"
            value={userPassword}
            on:input={(event) => {
              userPassword = event.target.value
            }}
          />
          <TextInput
            type="password"
            label="Confirm Password:"
            id="confirmPassword"
```

```
      name="confirmPassword"
      placeholder="Password@123"
      inputIcon="fa-solid fa-lock"
      valid={validUserConfirmPassword}
      validityMessage="Password do not match"
      value={userConfirmPassword}
      on:input={(event) => {
        userConfirmPassword = event.target.value
      }}
  />
  <div class="buttons">
    <button type="submit">Submit</button>
    <button type="reset">Reset</button>
  </div>
</form>


<style>
  .container {
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    width: 90%;
    max-width: 700px;
    padding: 3em 1.5em 1.5em;
    font-size: 1.25rem;
    border-radius: 1rem;
    border: 2px solid var(--clr-primary-400);
  }


  .buttons {
    display: flex;
    justify-content: space-between;
    width: 75%;
    max-width: 400px;
  }


  .buttons * {
    padding: 0.3em 1.2em;
    color: var(--clr-primary);
    font-size: 1.175rem;
    font-weight: 600;
    background-color: var(--clr-primary-400);
```

```css
        border-radius: 100vmax;
        text-transform: uppercase;
        box-shadow: 0 5px 10px rgba(0, 0, 0, 0.5);
      }


      @media (max-width: 50em) {
        .modal-box {
          max-height: max-content;
          padding: 1em;
          top: 2em;
        }


        .modal-box h1 {
          margin: 0 auto 0.5em 0;
        }
        .buttons {
          width: 100%;
        }
      }
    </style>
```
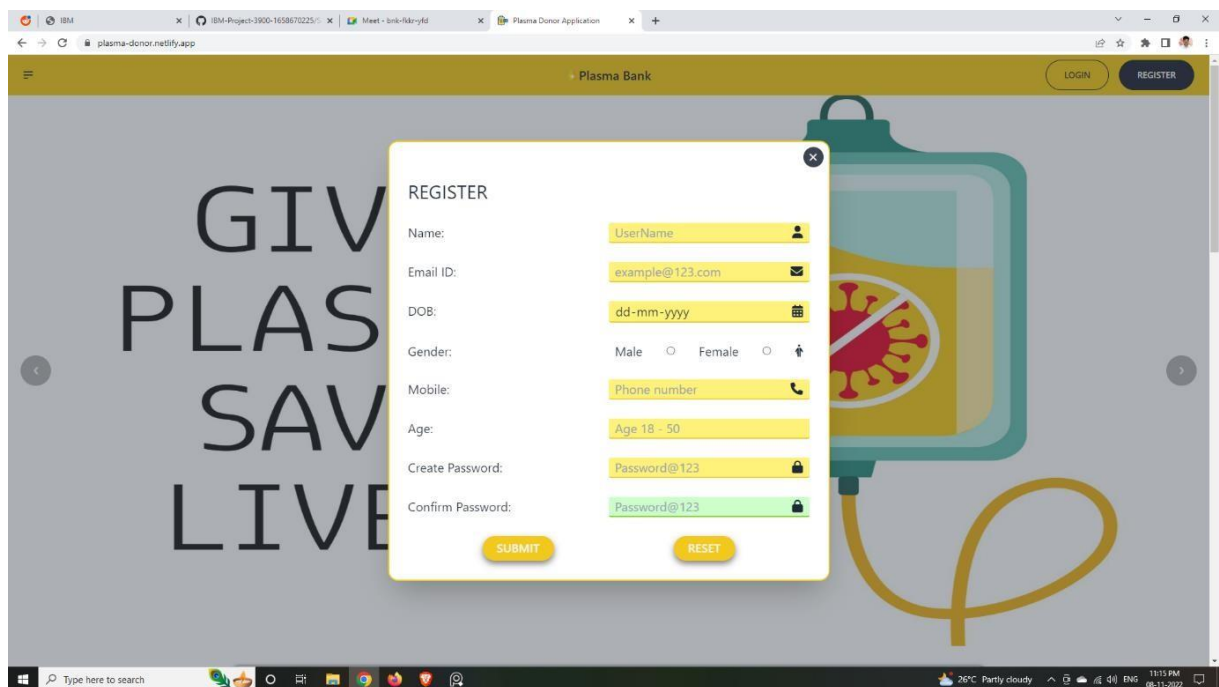

Login.svelte

```
<script>
```

```
    import TextInput from '../components/TextInput.svelte'


  let userName = ''
  let userPassword = ''


  $: validUserName = !isEmpty(userName)
  $: validUserPassword = !isEmpty(userPassword)


  function isEmpty(val) {
    return val.trim().length === 0
  }
</script>


<form action="|" class="container relative modal-box"
on:submit|preventDefault>
  <h1 class="mb-4 mr-auto text-3xl uppercase md:mb-8">Login</h1>
  <label for="login-modal" class="absolute btn btn-sm btn-circle right-2 top-
2"
    >✕
  </label>
  <TextInput
    type="text"
    label="User Name:"
    id="username"
    name="username"
    placeholder="username/email"
    inputIcon="fa-solid fa-user"
    valid={validUserName}
    value={userName}
    on:input={(event) => {
      userName = event.target.value
    }}
  />


  <TextInput
    type="password"
    label="Password:"
    id="password"
    name="password"
    placeholder="password"
    inputIcon="fa-solid fa-lock"
```
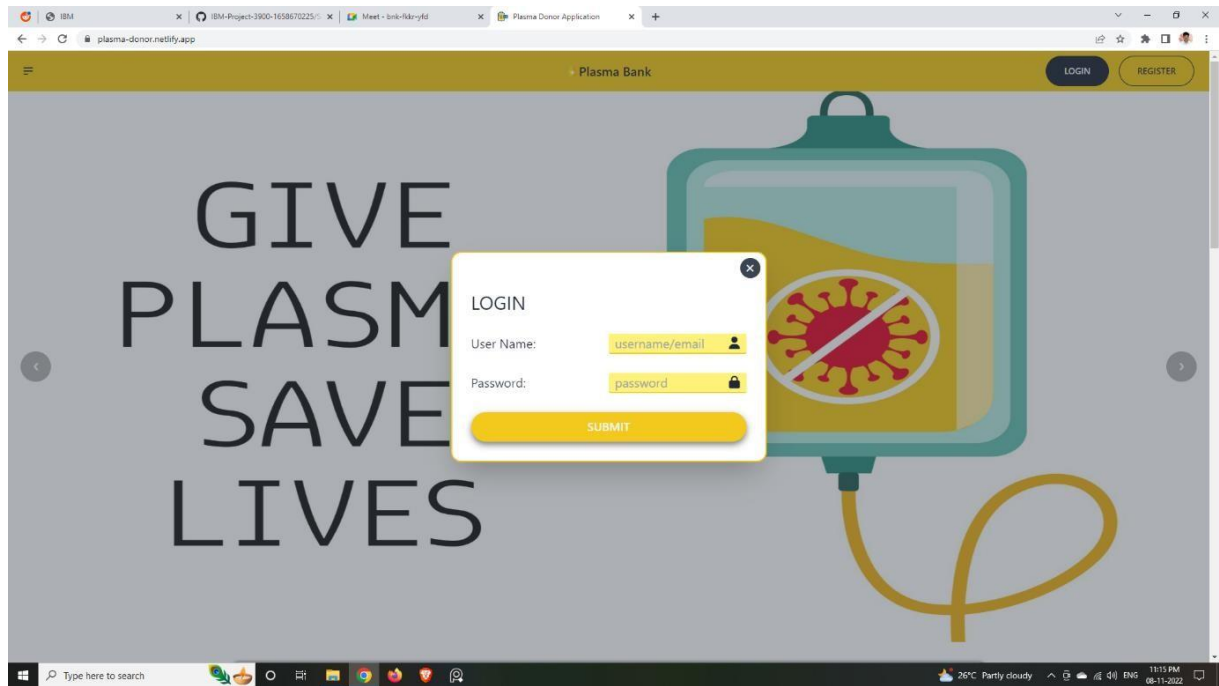
```
      valid={validUserPassword}
      value={userPassword}
      on:input={(event) => {
        userPassword = event.target.value
      }}
    />
    <button type="submit">Submit</button>
  </form>


  <style>
    .container {
      display: flex;
      flex-direction: column;
      align-items: center;
      justify-content: center;
      width: 90%;
      max-width: 500px;
      padding: 3em 1.5em 1.5em;
      font-size: 1.25rem;
      border-radius: 1rem;
      border: 2px solid var(--clr-primary-400);
    }


    button {
      width: 100%;
      padding: 0.5em 1em;
      color: var(--clr-primary);
      font-size: 1.175rem;
      font-weight: 600;
      background-color: var(--clr-primary-400);
      border-radius: 100vmax;
      text-transform: uppercase;
      box-shadow: 0 5px 10px rgba(0, 0, 0, 0.5);
    }
  </style>
```

FAQ.svelte

```
<section
id="faq-
section"
class="card">
            <div
              tabindex="0"
              class="collapse collapse-plus border border-base-300 bg-base-100
            rounded-box"
            >
              <div class="collapse-title text-xl font-medium">Who can
            donate?</div>
              <div class="collapse-content">
                <p>
                  Generally, plasma donors must be 18 years of age and weigh at
            least 110
                  pounds (50kg). All individuals must pass two separate medical
                  examinations, a medical history screening and testing for
            transmissible
                  viruses, before their donated plasma can be used to manufacture
            plasma
                  protein therapies.
                </p>
              </div>
            </div>
```

```html
<div
  tabindex="0"
  class="collapse collapse-plus border border-base-300 bg-base-100
rounded-box"
>
  <div class="collapse-title text-xl font-medium">
    Is donating plasma safe?
  </div>
  <div class="collapse-content">
    <p>
      Yes. Plasma donation in IQPP certified collection centers is
performed
      in a highly controlled, sterile environment by professionally
trained
      medical staff. All plasma collection equipment is sterilized and
any
      equipment that comes into contact with you is used only once to
      eliminate the possibility of transmitting viral infections.
    </p>
  </div>
</div>


<div
  tabindex="0"
  class="collapse collapse-plus border border-base-300 bg-base-100
rounded-box"
>
  <div class="collapse-title text-xl font-medium">
    What type of medical screening and testing is done?
  </div>
  <div class="collapse-content">
    <p>
      You must have a pre-donation physical which includes answering
medical
      history questions, tests for viruses such as HIV and Hepatitis
and
      evaluating your protein and hemoglobin levels.
    </p>
  </div>
</div>


<div
```

```html
      tabindex="0"
      class="collapse collapse-plus border border-base-300 bg-base-100
rounded-box"
    >
      <div class="collapse-title text-xl font-medium">
        How do you get my plasma?
      </div>
      <div class="collapse-content">
        <p>
          Donating plasma is similar to giving blood. A needle is placed
into a
          vein in your arm. Plasma is collected through a process call
          plasmapheresis and is conducted in cycles that may take up to an
hour.
          Whole blood is drawn. The plasma is separated from the red blood
cells
          and other cellular components. These are returned to your body
with
          sterile saline solution to help the body replace the plasma
removed from
          the whole blood.
        </p>
      </div>
    </div>


    <div
      tabindex="0"
      class="collapse collapse-plus border border-base-300 bg-base-100
rounded-box"
    >
      <div class="collapse-title text-xl font-medium">Does it hurt?</div>
      <div class="collapse-content">
        <p>
          Most people compare the feeling of the needle to a mild bee
sting. You
          will also be required to submit to a finger stick test each time
you
          donate so the collection center medical staff can evaluate your
protein
          and hemoglobin levels.
        </p>
      </div>
    </div>
</section>
```
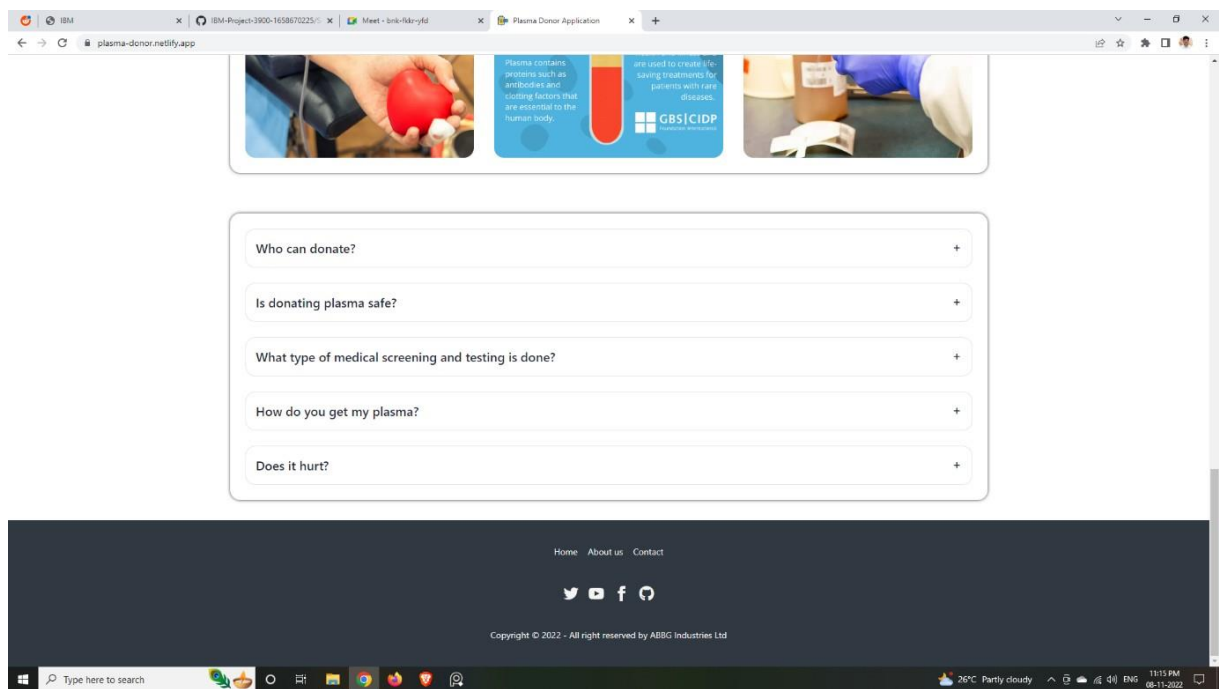
```
<style>
  .card {
    display: flex;
    justify-content: center;
    align-items: center;
    gap: 1.5em;
    width: 90%;
    max-width: 1200px;
    padding: 1.5em;
    margin: 2em 0;
    background-color: var(--clr-white);
    box-shadow: 0 0 5px var(--clr-accent);
  }
</style>
```


Aboutus.svelte

```
<script>
    let ImgURL = './assets/images/plasma_sample.png'
</script>
```

```html
<section id="about-us-section" class="card">
  <div class="card__description">
    <h1 class="card__title">About Us</h1>
    <div class="card__content">
      Lorem ipsum dolor sit amet consectetur adipisicing elit. Provident
numquam
      repellendus repudiandae beatae ratione recusandae est odio inventore
magni
      harum alias nemo esse explicabo architecto libero, omnis voluptate
itaque
      atque.
    </div>
  </div>
  <div class="card__images">
    <img src={ImgURL} alt="" />
  </div>
</section>


<style>
  .card {
    display: flex;
    justify-content: center;
    align-items: center;
    gap: 1.5em;
    width: 90%;
    max-width: 1200px;
    padding: 1.5em;
    margin: 2em 0;
    background-color: var(--clr-white);
    box-shadow: 0 0 5px var(--clr-accent);
  }


  .card__title {
    font-size: clamp(1rem, 10vw, 2rem);
  }


  .card__images {
    border-radius: var(--rounded-box, 1rem);
    overflow: hidden;
  }


  @media (min-width: 50em) {
```

```
        .card {
          flex-direction: row;
        }


        .card__content {
          font-size: clamp(0.8rem, 5vw, 1.2rem);
        }
      }
    </style>
```


Gallery.svelte

```
<script>
        import { galleryImages } from '../helpers/imagePaths.js'


        let imgs = galleryImages
      </script>



      <section id="gallery__card" class="gallery__card">
        <h1 class="gallery__title">Gallery</h1>
        <div class="gallery__images">
          <img class="gallery__image" src={imgs[0]} alt="" />
```
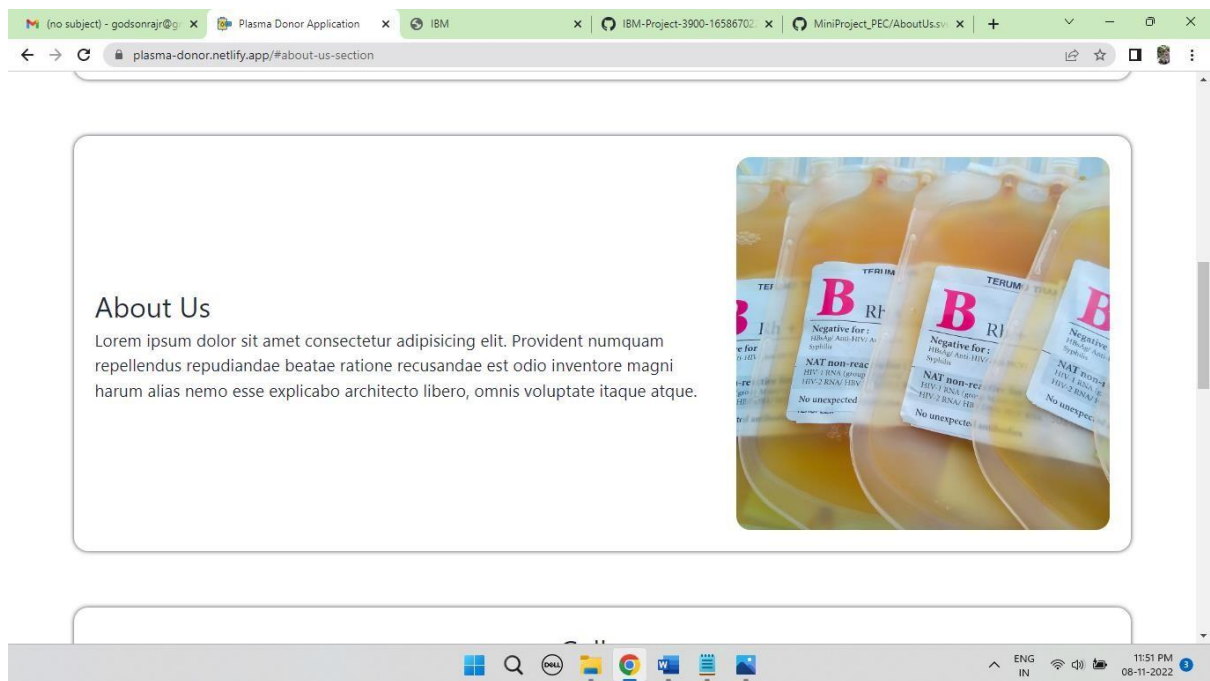
```
      <img class="gallery__image" src={imgs[1]} alt="" />
      <img class="gallery__image" src={imgs[2]} alt="" />
    </div>
  </section>


<style>
  .gallery__card {
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    gap: 1.5em;
    width: 90%;
    max-width: 1200px;
    padding: 1.5em;
    margin: 2em 0;
    background-color: var(--clr-white);
    box-shadow: 0 0 5px var(--clr-accent);
    border-radius: var(--rounded-box, 1rem);
  }


  .gallery__title {
    font-size: clamp(1rem, 10vw, 2rem);
  }


  .gallery__image {
    width: 100%;
    aspect-ratio: 1/1;
    margin-bottom: 2em;
    border-radius: 1rem;
    object-fit: cover;
    object-position: center;
  }


  .gallery__image:last-child {
    margin-bottom: 0;
  }


  @media (min-width: 50em) {
    .gallery__images {
      display: grid;
```

```
          grid-template-columns: repeat(3, 1fr);
          gap: 2em;
        }


      .gallery__image {
        margin-bottom: 0;
      }
    }
  </style>
```
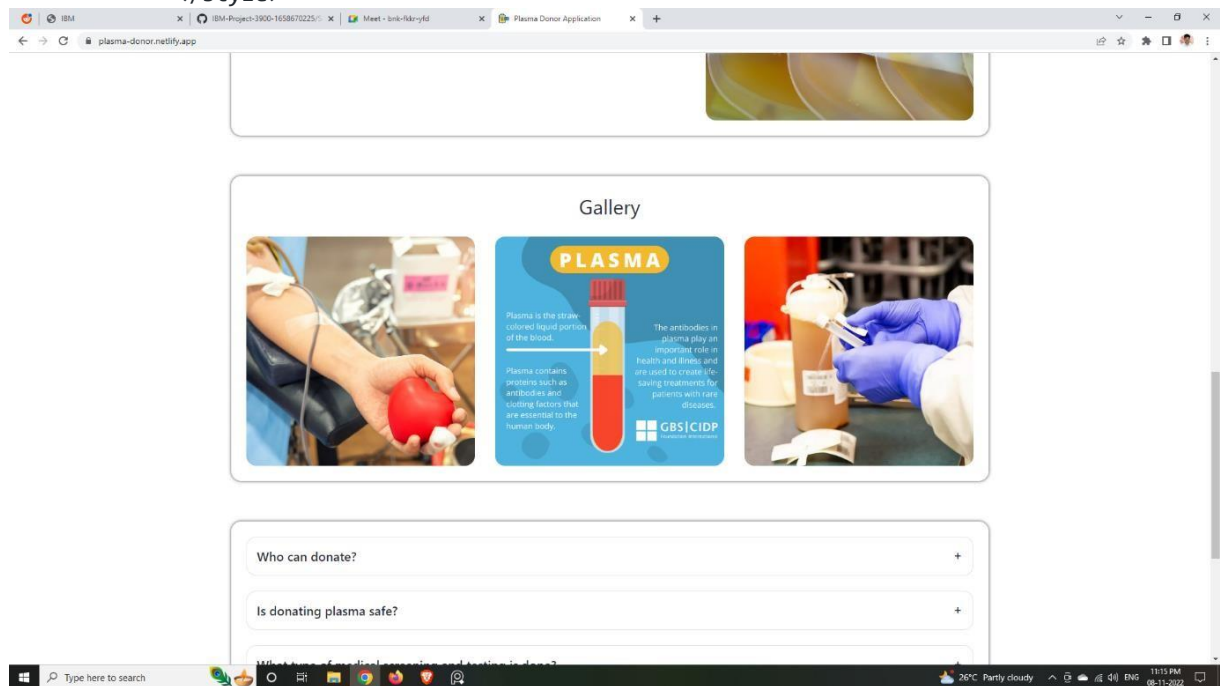

Footer.svelte

```
<footer
class="p-
10
rounded
footer
footer-
center
bg-base-
200 text-
base-
content">
          <div class="grid grid-flow-col gap-4">
            <a class="link link-hover" href="#home-section">Home</a>
            <a class="link link-hover" href="#about-us-section">About us</a>
```

```html
          <a class="link link-hover" href="/">Contact</a>
      </div>
      <div>
        <div class="grid grid-flow-col gap-4 place-items-center">
          <a href="/">
            <svg
              xmlns="http://www.w3.org/2000/svg"
              width="24"
              height="24"
              viewBox="0 0 24 24"
              class="fill-current"
              ><path
                d="M24 4.557c-.883.392-1.832.656-2.828.775 1.017-.609 1.798-1.574 2.165-2.724-.951.564-2.005.974-3.127 1.195-.897-.957-2.178-1.555-3.594-1.555-3.179 0-5.515 2.966-4.797 6.045-4.091-.205-7.719-2.165-10.148-5.144-1.29 2.213-.669 5.108 1.523 6.574-.806-.026-1.566-.247-2.229-.616-.054 2.281 1.581 4.415 3.949 4.89-.693.188-1.452.232-2.224.084.626 1.956 2.444 3.379 4.6 3.419-2.07 1.623-4.678 2.348-7.29 2.04 2.179 1.397 4.768 2.212 7.548 2.212 9.142 0 14.307-7.721 13.995-14.646.962-.695 1.797-1.562 2.457-2.549z"
              />
            </svg>
          </a>


          <a href="https://www.youtube.com/watch?v=08Pb-UZPLiU" target="_blank">
            <svg
              xmlns="http://www.w3.org/2000/svg"
              width="24"
              height="24"
              viewBox="0 0 24 24"
              class="fill-current"
              ><path
                d="M19.615 3.184c-3.604-.246-11.631-.245-15.23 0-3.897.266-4.356 2.62-4.385 8.816.029 6.185.484 8.549 4.385 8.816 3.6.245 11.626.246 15.23 0 3.897-.266 4.356-2.62 4.385-8.816-.029-6.185-.484-8.549-4.385-8.816zm-10.615 12.816v-8l8 3.993-8 4.007z"
              />
            </svg>
          </a>


          <a href="/">
            <svg
              xmlns="http://www.w3.org/2000/svg"
              width="24"
```

```
              height="24"
              viewBox="0 0 24 24"
              class="fill-current"
              ><path
                d="M9 8h-3v4h3v12h5v-12h3.642l.358-4h-4v-1.667c0-.955.192-1.333
1.115-1.333h2.885v-5h-3.808c-3.596 0-5.192 1.583-5.192 4.615v3.385z"
              />
            </svg>
          </a>


          <a
            href="https://github.com/IBM-EPBL/IBM-Project-3900-1658670225"
            target="_blank"
            class="w-6 aspect-square"
          >
            <i class="text-2xl fa-brands fa-github" />
          </a>
        </div>
      </div>
      <div>
        <p>Copyright © 2022 - All right reserved by ABBG Industries Ltd</p>
      </div>
    </footer>


    <style>
      .footer {
        color: var(--clr-primary);
        background-color: var(--clr-accent);
        border-radius: 0;
      }
    </style>
```

Who can donate?   +

Is donating plasma safe?   +

What type of medical screening and testing is done?   +

How do you get my plasma?   +

Does it hurt?   +

Home   About us   Contact

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