

IMPLEMENTING WEB APPLICATION

Create UI to Interact with Application

Date	18 November 2022
Team ID	PNT2022TMID14901
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

```
<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" >X
</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={valid User Email}
  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"
        input Icon="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"
    input Icon="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);
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"
  >X
</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>

```



```
</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">
    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
  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>
<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%;
  }
</style>

```

```

    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>
  <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-8.18 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>
```