

Title: Minor Project: TechVolution 2024 Registration Form

Objective:

The objective of this minor project is to design and develop a registration form for the fictional event "TechVolution 2024." This project aims to provide students with hands-on experience in creating a comprehensive web form using HTML, CSS (Bootstrap), and JavaScript. The registration form should include various input fields, validations, and interactive elements to ensure a smooth registration process for attendees.

Instructions:

1. Project Overview:

- You are tasked with creating a registration form for the fictional event "TechVolution 2024," a futuristic technology conference.
- The registration form will collect essential information from attendees and provide options for customization based on preferences and dietary restrictions.

2. Technologies Used:

- **HTML:** Markup language for structuring the form elements.
- **CSS (Bootstrap):** Framework for styling the form and ensuring responsiveness.
- **JavaScript:** For implementing form validations and interactive elements.

3. Form Elements:

• Personal Information:

Name (Text input)

Date of Birth (Date input)

Gender (Radio buttons: Male, Female, Non-binary)

• Contact Details:

Email Address (Email input)

Phone Number (Text input)

• Address:

Street Address (Text input)

City (Text input)

State (Dropdown/select input)

Zip Code (Text input)

• Additional Information:

Event Preferences (Checkbox or dropdown/select input)

Dietary Restrictions (Text input or textarea)

T-shirt Size (Dropdown/select input)

4. Form Validation:

- Implement client-side validation using JavaScript to ensure data accuracy and completeness.
- Validate all required fields and display appropriate error messages for incorrect or missing information.
- Validate email format, phone number format, and date of birth to ensure correctness.

5. Styling and Responsiveness:

- Utilize Bootstrap for styling to create a visually appealing and responsive design.
- Ensure the form layout adjusts seamlessly to different screen sizes and devices for optimal user experience.

6. Submission and Feedback:

- Upon submission of the form, display a toast message or confirmation modal to indicate successful registration.
- Handle form submission using JavaScript to capture and process the submitted data.

Source Code

File: index.html

HTML Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <!--===== CSS ===== -->
  <link rel="stylesheet" href="style.css">

  <!--===== Iconsout CSS ===== -->
  <link rel="stylesheet" href="https://unicons.iconsout.com/release/v4.0.0/css/line.css">

  <title>Responsive Registration Form </title>
</head>

<body>

  <div class="container">
    <header>Registration</header>

    <form action="#">
      <div class="form first">
        <div class="details personal">
          <span class="title">Personal Details</span>

          <div class="fields">
            <div class="input-field">
              <label>Full Name</label>
              <input type="text" placeholder="Enter your name" required>
            </div>

            <div class="input-field">
              <label>Date of Birth</label>
              <input type="date" placeholder="Enter birth date" required>
            </div>

            <div class="input-field">
              <label>Gender</label>
              <select required>
                <option disabled selected>Select gender</option>
                <option>Male</option>
                <option>Female</option>
                <option>Others</option>
              </select>
            </div>
          </div>
        </div>
        <div class="details personal">
          <span class="title">Contact Details</span>
          <div class="fields">
            <div class="input-field">
              <label>Email</label>
              <input type="text" placeholder="Enter your email" required>
            </div>
```

```

        <div class="input-field">
            <label>Mobile Number</label>
            <input type="tel" placeholder="Enter mobile number" required>
        </div>
        <div class="input-field">
            <label>Alternate Mobile Number</label>
            <input type="tel" placeholder="Enter Alternate mobile number" required>
        </div>
    </div>
</div>
<div class="details address">
    <span class="title">Address Details</span>

    <div class="fields">

        <div class="input-field">
            <label>Nationality</label>
            <input type="text" placeholder="Enter nationality" required>
        </div>

        <div class="input-field">
            <label>State</label>
            <input type="text" placeholder="Enter your state" required>
        </div>

        <div class="input-field">
            <label>District</label>
            <input type="text" placeholder="Enter your district" required>
        </div>

        <div class="input-field">
            <label>City</label>
            <input type="text" placeholder="Enter your city" required>
        </div>

        <div class="input-field">
            <label>Street Address</label>
            <input type="text" placeholder="Enter your street address" required>
        </div>

        <div class="input-field">
            <label>Zip Code</label>
            <input type="number" placeholder="Enter zip code" required>
        </div>
    </div>
    <button class="nextBtn">
        <span class="btnText">Next</span>
        <i class="uil uil-navigator"></i>
    </button>
</div>
</div>
<div class="form second">
    <div class="details address">
        <span class="title">Additional Information</span>

        <div class="fields">
            <div class="input-field">
                <label>Event Preferences</label>
                <select required>
                    <option disabled selected>Select Event</option>

```

```
        <option>Keynote Speakers</option>
        <option>Workshops</option>
        <option>Networking</option>
        <option>Interactive Demos</option>
        <option>Social Activities</option>
    </select>
</div>
```

```
<div class="input-field">
    <label>Dietary Restrictions</label>
    <input type="text" placeholder="Enter Dietary Restrictions" required>
</div>
```

```
<div class="input-field">
    <label>T-shirt Size</label>
    <select required>
        <option disabled selected>Select Size</option>
        <option>Small</option>
        <option>Medium</option>
        <option>Large</option>
        <option>Extra Large</option>
        <option>Double Extra Large</option>
        <option>Triple Extra Large</option>
    </select>
</div>
```

```
</div>
</div>
```

```
<div class="details family">
    <span class="title">Family Details</span>
```

```
<div class="fields">
    <div class="input-field">
        <label>Father Name</label>
        <input type="text" placeholder="Enter father name" required>
    </div>
```

```
<div class="input-field">
    <label>Mother Name</label>
    <input type="text" placeholder="Enter mother name" required>
</div>
```

```
<div class="input-field">
    <label>Grandfather</label>
    <input type="text" placeholder="Enter grandfather name" required>
</div>
```

```
<div class="input-field">
    <label>Spouse Name</label>
    <input type="text" placeholder="Enter spouse name" required>
</div>
```

```
<div class="input-field">
    <label>Father in Law</label>
    <input type="text" placeholder="Father in law name" required>
</div>
```

```
<div class="input-field">
    <label>Mother in Law</label>
    <input type="text" placeholder="Mother in law name" required>
</div>
```

```

</div>

<div class="buttons">
  <div class="backBtn">
    <i class="uil uil-navigator"></i>
    <span class="btnText">Back</span>
  </div>

  <button class="sumbit">
    <span class="btnText">Submit</span>
    <i class="uil uil-navigator"></i>
  </button>
</div>

</div>
</div>
</form>
</div>

<script src="script.js"></script>
</body>

</html>

```

File: style.css

CSS Code:

```

@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600&display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins', sans-serif;
}
body{
  min-height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;
  background: #4070f4;
}
.container{
  position: relative;
  max-width: 900px;
  width: 100%;
  border-radius: 6px;
  padding: 30px;
  margin: 0 15px;
  background-color: #fff;
  box-shadow: 0 5px 10px rgba(0,0,0,0.1);
}
.container header{
  position: relative;
  font-size: 20px;
  font-weight: 600;
  color: #333;
}
.container header::before{
  content: "";
  position: absolute;
  left: 0;

```

```

    bottom: -2px;
    height: 3px;
    width: 27px;
    border-radius: 8px;
    background-color: #4070f4;
}
.container form{
    position: relative;
    margin-top: 16px;
    min-height: 520px;
    background-color: #fff;
    overflow: hidden;
}
.container form .form{
    position: absolute;
    background-color: #fff;
    transition: 0.3s ease;
}
.container form .form.second{
    opacity: 0;
    pointer-events: none;
    transform: translateX(100%);
}
form.secActive .form.second{
    opacity: 1;
    pointer-events: auto;
    transform: translateX(0);
}
form.secActive .form.first{
    opacity: 0;
    pointer-events: none;
    transform: translateX(-100%);
}
.container form .title{
    display: block;
    margin-bottom: 8px;
    font-size: 16px;
    font-weight: 500;
    margin: 6px 0;
    color: #333;
}
.container form .fields{
    display: flex;
    align-items: center;
    justify-content: space-between;
    flex-wrap: wrap;
}
form .fields .input-field{
    display: flex;
    width: calc(100% / 3 - 15px);
    flex-direction: column;
    margin: 4px 0;
}
.input-field label{
    font-size: 12px;
    font-weight: 500;
    color: #2e2e2e;
}
.input-field input, select{
    outline: none;
    font-size: 14px;
    font-weight: 400;

```

```

    color: #333;
    border-radius: 5px;
    border: 1px solid #aaa;
    padding: 0 15px;
    height: 42px;
    margin: 8px 0;
}
.input-field input :focus,
.input-field select:focus{
    box-shadow: 0 3px 6px rgba(0,0,0,0.13);
}
.input-field select,
.input-field input[type="date"]{
    color: #707070;
}
.input-field input[type="date"]:valid{
    color: #333;
}
.container form button, .backBtn{
    display: flex;
    align-items: center;
    justify-content: center;
    height: 45px;
    max-width: 200px;
    width: 100%;
    border: none;
    outline: none;
    color: #fff;
    border-radius: 5px;
    margin: 25px 0;
    background-color: #4070f4;
    transition: all 0.3s linear;
    cursor: pointer;
}
.container form .btnText{
    font-size: 14px;
    font-weight: 400;
}
form button:hover{
    background-color: #265df2;
}
form button i,
form .backBtn i{
    margin: 0 6px;
}
form .backBtn i{
    transform: rotate(180deg);
}
form .buttons{
    display: flex;
    align-items: center;
}
form .buttons button , .backBtn{
    margin-right: 14px;
}

@media (max-width: 750px) {
    .container form{
        overflow-y: scroll;
    }
    .container form::-webkit-scrollbar{
        display: none;
    }
}

```



```
}
form .fields .input-field{
  width: calc(100% / 2 - 15px);
}
}

@media (max-width: 550px) {
  form .fields .input-field{
    width: 100%;
  }
}
```

File: style.js

JavaScript Code:

```
const form = document.querySelector("form"),
      nextBtn = form.querySelector(".nextBtn"),
      backBtn = form.querySelector(".backBtn"),
      allInput = form.querySelectorAll(".first input");

nextBtn.addEventListener("click", ()=> {
  allInput.forEach(input => {
    if(input.value !== ""){
      form.classList.add('secActive');
    }else{
      form.classList.remove('secActive');
    }
  })
})

backBtn.addEventListener("click", () => form.classList.remove('secActive'));
```

Project View

Registration


Personal Details

Full Name	Date of Birth	Gender
<input type="text" value="Krishna Singh"/>	<input type="text" value="19-03-2003"/> 	<input type="text" value="Male"/> 

Contact Details

Email	Mobile Number	Alternate Mobile Number
<input type="text" value="krishnasingh192003@gmail.com"/>	<input type="text" value="9260952447"/>	<input type="text" value="8573854448"/>

Address Details

Nationality	State	District
<input type="text" value="Indian"/>	<input type="text" value="Uttar Pradesh"/>	<input type="text" value="Lakhimpur"/>
City	Street Address	Zip Code
<input type="text" value="Palia Kalan Kheri"/>	<input type="text" value="Sampurna Nagar"/>	<input type="text" value="262904"/> 

Next >

Registration

Additional Information

Event Preferences	Dietary Restrictions	T-shirt Size
<input type="text" value="Networking"/> 	<input type="text" value="All Added"/>	<input type="text" value="Medium"/> 

Family Details

Father Name	Mother Name	Grandfather
<input type="text" value="Rajesh Singh"/>	<input type="text" value="Jantri Devi"/>	<input type="text" value="Shuresh Singh"/>
Spouse Name	Father in Law	Mother in Law
<input type="text" value="Hari Singh"/>	<input type="text" value="Mahesh Singh"/>	<input type="text" value="Savita Devi"/>

< Back

Submit >