

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.

Title: Major Project: TechVolution 2024 Event Website

Objective:

The objective of this major project is to develop a responsive website for the fictional event "TechVolution 2024." This project aims to provide students with comprehensive experience in building a complete website using HTML, CSS (Bootstrap), and JavaScript. The website should include various sections such as Home, About, Features, Testimonials, Events, Gallery, Timelines, Registration Link, Prizes, and more, utilizing different Bootstrap components for enhanced functionality and design.

Instructions:

- **Project Overview:**
 - You are tasked with creating a dynamic and responsive website for the fictional event "TechVolution 2024," a futuristic technology conference.
 - The website should provide detailed information about the event, its features, schedule, registration process, testimonials, gallery, and prizes.
- **Technologies Used:**
 - HTML: Markup language for structuring the website's content and layout.
 - CSS (Bootstrap): Framework for styling the website and ensuring responsiveness.
 - JavaScript: For implementing interactive elements and dynamic functionalities.
- **Website Sections and Components:**

a. Navbar:

Include a responsive navbar with links to different sections of the website (Home, About, Features, Testimonials, Events, Gallery, Timeline, Registration, Prizes).

b. Footer:

Add a footer section with contact information, social media links, and copyright notice.

c. Home:

Feature a hero section with a captivating image or video background and a brief introduction to the event.

Include a call-to-action button for registration.

d. About:

Provide detailed information about the event, its objectives, and organizers.

Highlight key features and themes of the event.

e. Features:

Showcase the main features and highlights of the event using Bootstrap cards or carousels.

Include images, icons, and brief descriptions for each feature.

f. Testimonials:

Display testimonials from previous attendees, speakers, or sponsors.

Utilize Bootstrap carousel or card components for showcasing testimonials.

g. Events:

Present the event schedule, including keynote speeches, workshops, and interactive sessions.

Use a responsive layout to display the schedule in a visually appealing manner.

h. Gallery:

Create a gallery section with images and videos from past editions of the event.

Implement a responsive image grid or carousel for browsing through the gallery.

i. Timeline:

Provide a chronological timeline of the event's history, milestones, and achievements.

Use Bootstrap timeline or card components for visual representation.

j. Registration:

Include a registration form with the necessary fields for attendees to sign up for the event.

Ensure the form is user-friendly, with validations and a responsive layout.

k. Prizes:

Highlight any prizes, awards, or giveaways associated with the event.

Use Bootstrap cards or badges to showcase the prizes.

- **Styling and Responsiveness:**

- Utilize Bootstrap's grid system, components, and utilities for consistent styling and responsiveness across different devices and screen sizes.
- Ensure the website layout adapts seamlessly to desktops, laptops, tablets, and mobile phones.