

Ex. No.:	Online Event Registration & Promotional Portal Using HTML5 (Form + Media Elements)
16.12.2025	

Theme: Justice World Tour**Aim**

To design and develop an Online Event Registration & Promotional Portal using HTML5 that demonstrates the use of form elements and media elements such as images, audio, and video.

Description

The portal allows users to view details of an upcoming event through HTML5 media elements (image banner, promotional video, background audio).

Users can then register for the event using an HTML5 form with various input types (text, email, date, radio buttons, select menus, textarea, file upload).

This experiment demonstrates the integration of multimedia content and interactive form elements in a modern HTML5 webpage.

Procedure

1. Create a new HTML5 file (e.g., event.html).
2. Add the basic structure using `<!DOCTYPE html>` and `<html>`, `<head>`, `<body>` tags.
3. Insert an event banner image using the `` tag.
4. Add a promotional video using the `<video>` tag with controls.
5. Insert background/intro audio using the `<audio>` tag.
6. Create an event registration form using:
`<input type="text">`, `<input type="email">`, `<input type="date">`
`<input type="radio">`, `<select>`, `<textarea>`
`<input type="file">`, `<input type="submit">`
7. Test the webpage in a browser.
8. Validate the form and check media playback.
9. Save and document the results.

Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Online Event Registration Portal</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<style>
  body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    line-height: 1.5;
    background-color: #f4f4f4;
  }

  header, main {
    max-width: 900px;
    margin: 0 auto;
    padding: 16px;
  }

  header {
    text-align: center;
    background-color: #222;
    color: #fff;
  }

  img {
    max-width: 100%;
    height: auto;
    display: block;
    margin: 16px auto;
  }

  .media-section, .form-section {
    background-color: #fff;
    padding: 16px;
    margin-top: 16px;
    border-radius: 8px;
  }

  video, audio {
    width: 100%;
    margin-top: 8px;
  }

  form {
    display: flex;
    flex-direction: column;
    gap: 12px;
  }

  .form-group {
    display: flex;
    flex-direction: column;
  }
```

```
label {
  font-weight: bold;
  margin-bottom: 4px;
}

input[type="text"],
input[type="email"],
input[type="date"],
select,
textarea {
  padding: 8px;
  border-radius: 4px;
  border: 1px solid #ccc;
  font-size: 14px;
}

textarea {
  resize: vertical;
}

.radio-group {
  display: flex;
  gap: 16px;
}

input[type="submit"] {
  background-color: #007bff;
  color: #fff;
  border: none;
  padding: 10px 16px;
  border-radius: 4px;
  font-size: 16px;
  cursor: pointer;
  align-self: flex-start;
}

input[type="submit"]:hover {
  background-color: #0056b3;
}

@media (max-width: 600px) {
  header, main {
    padding: 12px;
  }
}
</style>
</head>
<body>

<header>
<h1>Tech Innovators Conference 2025</h1>
```

```
<!-- TC02: Banner image with alt text -->
  
</header>

<main>
  <!-- Media Section: Image, Video, Audio -->
  <section class="media-section">
    <h2>Event Highlights</h2>

    <!-- TC03: Promotional video with controls -->
    <h3>Promotional Video</h3>
    <video controls>
      <source src="promo.mp4" type="video/mp4">
      Your browser does not support the video tag.
    </video>

    <!-- TC04: Background / Intro audio with controls -->
    <h3>Intro Audio</h3>
    <audio controls>
      <source src="intro.mp3" type="audio/mpeg">
      Your browser does not support the audio element.
    </audio>
  </section>

  <!-- Form Section -->
  <section class="form-section">
    <h2>Event Registration Form</h2>
    <!-- TC05–TC09 covered by this form -->
    <form action="#" method="post">
      <!-- Name: text input -->
      <div class="form-group">
        <label for="name">Full Name *</label>
        <input type="text" id="name" name="name" required>
      </div>

      <!-- Email: email input with validation -->
      <div class="form-group">
        <label for="email">Email Address *</label>
        <input type="email" id="email" name="email" required>
      </div>

      <!-- Date: event date or DOB -->
      <div class="form-group">
        <label for="eventDate">Preferred Event Date *</label>
        <input type="date" id="eventDate" name="eventDate" required>
      </div>

      <!-- Radio buttons: session selection -->
      <div class="form-group">
        <label>Session Preference *</label>
        <div class="radio-group">
          <label>
```

```
<input type="radio" name="session" value="morning" required>
Morning
</label>

<label>
  <input type="radio" name="session" value="afternoon">
  Afternoon
</label>
<label>
  <input type="radio" name="session" value="evening">
  Evening
</label>
</div>
</div>

<!-- Dropdown: ticket type -->
<div class="form-group">
  <label for="ticketType">Ticket Type *</label>
  <select id="ticketType" name="ticketType" required>
    <option value="">-- Select Ticket Type --</option>
    <option value="standard">Standard</option>
    <option value="premium">Premium</option>
    <option value="vip">VIP</option>
  </select>
</div>

<!-- Textarea: comments -->
<div class="form-group">
  <label for="comments">Comments / Special Requirements</label>
  <textarea id="comments" name="comments" rows="4" placeholder="Enter any special requests
here..."></textarea>
</div>

<!-- File upload: ID proof / photo -->
<div class="form-group">
  <label for="attachment">Upload ID Proof / Photo (image/PDF)</label>
  <input type="file" id="attachment" name="attachment" accept=".jpg,.jpeg,.png,.pdf">
</div>

<!-- Submit button -->
<div class="form-group">
  <input type="submit" value="Register">
</div>
</form>
</section>
</main>

</body>
</html>
```

The image is a composite of three screenshots from a development environment. The top screenshot shows a code editor with the file 'event.html' open. The HTML structure includes a DOCTYPE declaration, a head section with a charset of 'UTF-8' and a title 'Justice world Tour', and a body section with a viewport meta tag. The CSS includes a font-family of 'Arial, sans-serif', a main header with a max-width of 900px, and a sub-header with text-align: center and a background-color of #222. The bottom two screenshots show a web browser displaying the rendered page. The first browser view shows a 'Book Tickets NOW!!' header and a concert poster for 'JUSTICE THE WORLD TOUR' by Justin Bieber, scheduled for October 25, 2022, at National Stadium, Singapore. The second browser view shows a video player titled 'JUSTICE THE WORLD TOUR Concert Glimpse' with a close-up of Justin Bieber's face.

The screenshot displays a web browser window with the title 'Justice world Tour'. The address bar shows the file path: `C:/Users/edith%20miriam/Desktop/Web%20Development%20Project/event.html`. The main content area features a 'Track mashup' player at the top, showing a progress bar at 0:00 / 13:34. Below the player is the 'Concert Registration Form'.

Concert Registration Form

Full Name *

Email Address *

Preferred Event Date *

Session Preference *
☐ Morning ☐ Afternoon ☐ Evening

Ticket Type *

Comments / Special Requirements

Upload ID Proof / Photo (image/PDF)
 No file chosen

Result

The following experiment has been successfully completed and verified with output.