

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>

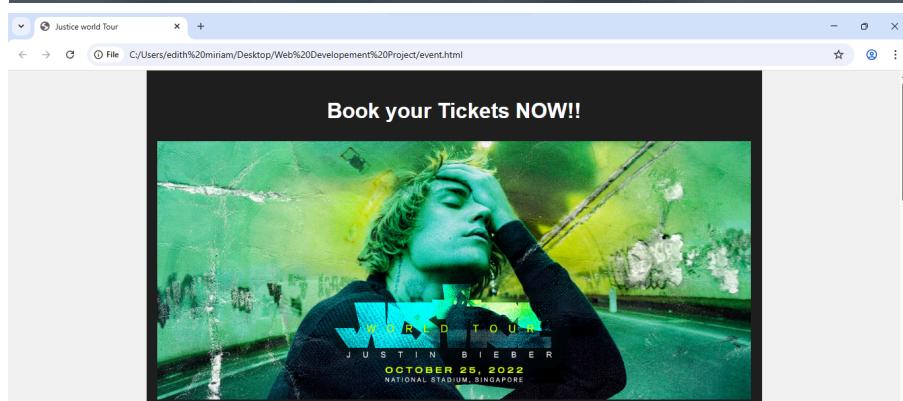
<!-- Textarea: comments -->
<div class="form-group">
    <label for="comments">Comments / Special Requirements</label>
    <textarea id="comments" name="comments" rows="4" placeholder="Enter any special requests here..."></textarea>
</div>

<!-- 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>

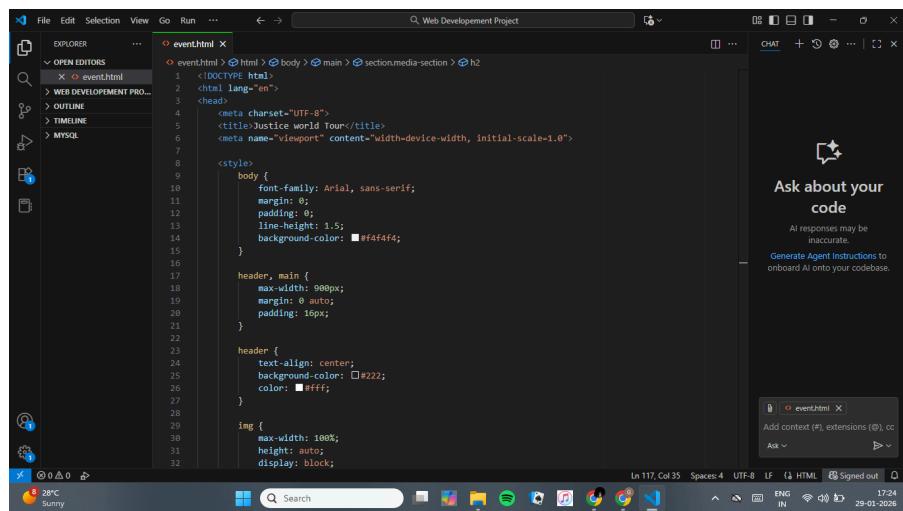
<!-- Submit button -->
<div class="form-group">
    <input type="submit" value="Register">
</div>
</form>
</section>
</main>

</body>
</html>
```

Input & Output



The screenshot shows a web browser window displaying a tour page. The title bar says "Justice world Tour". The page content includes a large image of Justin Bieber with text overlay: "Book your Tickets NOW!!", "JUSTICE THE WORLD TOUR", "JUSTIN BIEBER", "OCTOBER 25, 2022", and "NATIONAL STADIUM, SINGAPORE". Below this, there's a video player titled "Concert Glimpse" showing a close-up of Justin Bieber's face.



The screenshot shows a code editor window with an open file named "event.html". The code contains HTML and CSS for the tour page. Key parts of the CSS include:

```

body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    line-height: 1.5;
    background-color: #f0f0f0;
}

header, main {
    max-width: 900px;
    margin: 0 auto;
    padding: 15px;
}

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

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

```

The image displays two side-by-side screenshots of a web browser window titled "Justice world Tour". Both screenshots show the same "Track mashup" page with a "Concert Registration Form".
The top screenshot shows the registration form with a progress bar at the top indicating "0:00 / 13:34".
The bottom screenshot shows the same registration form, but with an additional section at the bottom labeled "Upload ID Proof / Photo (Image/PDF)". This section includes a "Choose File" input field which currently displays "No file chosen" and a blue "Register" button below it.
Both screenshots show the file path "C:/Users/edith%20miriam/Desktop/Web%20Developement%20Project/event.html" in the address bar.

Result

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