

Ex. No.: 3	Responsive Website Design using Bootstrap
06.01.2026	

Aim

To design and develop a responsive website using Bootstrap that adapts seamlessly to different screen sizes and devices by utilizing Bootstrap's grid system, components, and responsive utilities.

Description

The responsive website is developed using the **Bootstrap framework** to ensure consistency in layout and design across various devices such as desktops, tablets, and mobile phones.

Bootstrap's **grid system, predefined CSS classes, and UI components** are used to create a flexible and responsive layout without writing extensive custom CSS.

This experiment demonstrates the effective use of Bootstrap to build modern, mobile-first, and responsive web pages.

Code

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Talent Hunt Program</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">

  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```

<style>
    /* Card selection styling */
    .talent-card {
cursor: pointer;
        transition: transform 0.2s, box-shadow 0.2s;
    }

    .talent-card:hover {
        transform: scale(1.03);
        box-shadow: 0 4px 12px rgba(0,0,0,0.15);
    }

    input[type="radio"]:checked + .card {
        border: 2px solid #0d6efd;
        background-color: #e7f1ff;
    }
</style>
</head>

<body>

<!-- Navbar -->
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <div class="container">
        <a class="navbar-brand" href="#">Talent Hunt</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarMenu">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarMenu">
            <ul class="navbar-nav ms-auto">
                <li class="nav-item"><a class="nav-link active" href="#">Home</a></li>
                <li class="nav-item"><a class="nav-link" href="#">Register</a></li>
            </ul>
        </div>
    </div>
</nav>

```

```

        <li class="nav-item"><a class="nav-link" href="#">Contact</a></li>
      </ul>
    </div>
  </div>
</nav>

<!-- Main Content -->
<div class="container mt-4">
  <div class="row g-4">

    <!-- Left Section -->
    <div class="col-lg-6 col-md-6 col-sm-12">
      
      <h3>Talent Hunt Program</h3>
      <p class="text-muted">
        Participate and showcase your talent in front of judges and peers.
      </p>
      <button class="btn btn-primary">Learn More</button>
    </div>

    <!-- Right Section -->
    <div class="col-lg-6 col-md-6 col-sm-12">
      <h4 class="mb-3">Event Registration</h4>

      <form>
        <div class="mb-3">
          <label class="form-label">Full Name</label>
          <input type="text" class="form-control" required>
        </div>

        <div class="mb-3">
          <label class="form-label">Email Address</label>
          <input type="email" class="form-control" required>
        </div>
      </form>
    </div>
  </div>
</div>

```

<!-- Talent Choice as Separate Boxes -->

<label class="form-label mb-2">Select Your Talent</label>

<div class="row g-3 mb-3">

<div class="col-6">

<label class="w-100">

<input type="radio" name="talent" hidden required>

<div class="card talent-card text-center p-3">

 Singing

</div>

</label>

</div>

<div class="col-6">

<label class="w-100">

<input type="radio" name="talent" hidden>

<div class="card talent-card text-center p-3">

 Dancing

</div>

</label>

</div>

<div class="col-6">

<label class="w-100">

<input type="radio" name="talent" hidden>

<div class="card talent-card text-center p-3">

 Acting

</div>

</label>

</div>

<div class="col-6">

<label class="w-100">

<input type="radio" name="talent" hidden>

<div class="card talent-card text-center p-3">

 Painting

```

        </div>
        </label>
    </div>

</div>

    <button type="submit" class="btn btn-success w-100">
        Register Now
    </button>
</form>
</div>
</div>
</div>

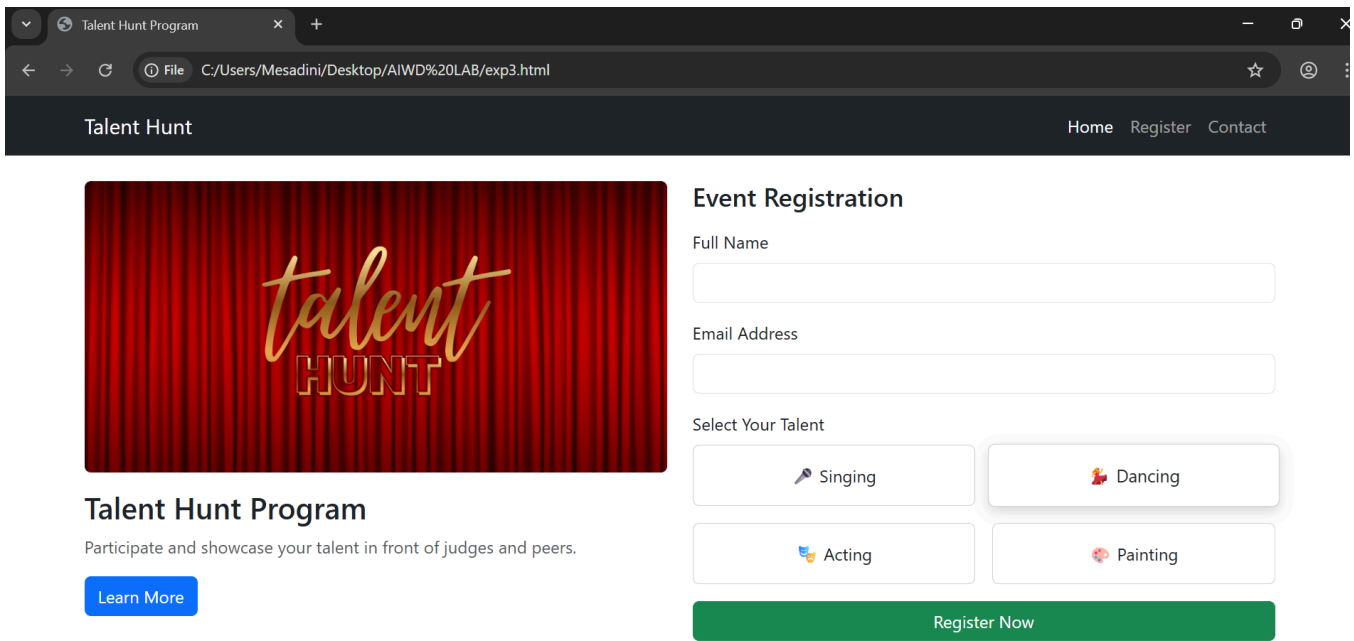
<!-- Footer -->
<footer class="bg-light text-center p-3 mt-5">
    <p class="mb-0">© 2026 Talent Hunt Program</p>
</footer>

<!-- Bootstrap JS -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

</body>
</html>

```

Input & Output



Talent Hunt Program

Home Register Contact

Talent Hunt Program

Participate and showcase your talent in front of judges and peers.


[Learn More](#)


Event Registration


Full Name


Email Address

Select Your Talent

 Singing

 Dancing

 Acting

 Painting

[Register Now](#)

Result

The experiment is successfully completed.