# Assignment 5

# Report

**Student:** Yessen Zhumagali  
**Group:** SE-2419

Github link: <https://github.com/Yessenchik/bootstrap_form1>

**Part 1. Basic HTML Forms**

# 

<section>  
 <h3>Part 1: Basic HTML Forms</h3>  
 <form action="#" method="POST">  
 <div class="form-group">  
 <label for="name">Name:</label>  
 <input type="text" class="form-control" id="name" name="name" required>  
 </div>  
  
 <div class="form-group">  
 <label for="email">Email:</label>  
 <input type="email" class="form-control" id="email" name="email" required>  
 </div>  
  
 <div class="form-group">  
 <label for="message">Message:</label>  
 <textarea class="form-control" id="message" name="message" rows="4" required></textarea>  
 </div>  
  
 <button type="submit" class="btn btn-primary mt-3">Submit</button>  
 </form>  
</section>

**Part 2. Bootstrap Forms**

# 

<section>  
 <h3 class="mt-5">Part 2: Bootstrap Forms</h3>  
  
 <form id="validationForm" action="#" method="POST" novalidate>  
 <div class="form-group row">  
 <label for="name" class="col-sm-2 col-form-label">Name:</label>  
 <div class="col-sm-10">  
 <input type="text" class="form-control" id="name" name="name" placeholder="Enter your name" required>  
 <div class="invalid-feedback">Name is required.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="email" class="col-sm-2 col-form-label">Email:</label>  
 <div class="col-sm-10">  
 <input type="email" class="form-control" id="email" name="email" placeholder="Enter your email" required>  
 <div class="invalid-feedback">Please provide a valid email address.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="message" class="col-sm-2 col-form-label">Message:</label>  
 <div class="col-sm-10">  
 <textarea class="form-control" id="message" name="message" rows="4" placeholder="Enter your message" required></textarea>  
 <div class="invalid-feedback">Please enter a message.</div>  
 </div>  
 </div>  
  
 <button type="submit" class="btn btn-primary mt-3">Submit</button>  
 </form>  
</section>

**Part 3. Advanced Form Project**

# 

<section>  
 <h3 class="mt-5">Part 3: Advanced Form Project</h3>  
  
 <form id="advancedForm" action="#" method="POST" novalidate>  
 <div class="form-group row">  
 <label for="firstName" class="col-sm-2 col-form-label">First Name:</label>  
 <div class="col-sm-10">  
 <input type="text" class="form-control" id="firstName" name="firstName" placeholder="Enter your first name" required>  
 <div class="invalid-feedback">First name is required.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="lastName" class="col-sm-2 col-form-label">Last Name:</label>  
 <div class="col-sm-10">  
 <input type="text" class="form-control" id="lastName" name="lastName" placeholder="Enter your last name" required>  
 <div class="invalid-feedback">Last name is required.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="email" class="col-sm-2 col-form-label">Email:</label>  
 <div class="col-sm-10">  
 <input type="email" class="form-control" id="email1" name="email" placeholder="Enter your email" required>  
 <div class="invalid-feedback">Please provide a valid email address.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="password" class="col-sm-2 col-form-label">Password:</label>  
 <div class="col-sm-10">  
 <input type="password" class="form-control" id="password" name="password" placeholder="Enter your password" required minlength="8">  
 <div class="invalid-feedback">Password must be at least 8 characters long.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="confirmPassword" class="col-sm-2 col-form-label">Confirm Password:</label>  
 <div class="col-sm-10">  
 <input type="password" class="form-control" id="confirmPassword" name="confirmPassword" placeholder="Confirm your password" required>  
 <div class="invalid-feedback" id="confirmPasswordError">Passwords do not match or do not meet the criteria.</div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label class="col-sm-2">Gender:</label>  
 <div class="col-sm-10">  
 <div class="form-check form-check-inline">  
 <input class="form-check-input" type="radio" name="gender" value="male" required>  
 <label class="form-check-label">Male</label>  
 </div>  
 <div class="form-check form-check-inline">  
 <input class="form-check-input" type="radio" name="gender" value="female" required>  
 <label class="form-check-label">Female</label>  
 </div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label class="col-sm-2">Hobbies:</label>  
 <div class="col-sm-10">  
 <div class="form-check">  
 <input class="form-check-input" type="checkbox" name="hobbies" value="sports">  
 <label class="form-check-label">Sports</label>  
 </div>  
 <div class="form-check">  
 <input class="form-check-input" type="checkbox" name="hobbies" value="music">  
 <label class="form-check-label">Music</label>  
 </div>  
 </div>  
 </div>  
  
 <div class="form-group row">  
 <label for="country" class="col-sm-2 col-form-label">Country:</label>  
 <div class="col-sm-10">  
 <select class="form-control" id="country" name="country" required>  
 <option value="kz">Kazakhstan</option>  
 <option value="us">USA</option>  
 <option value="ru">Russia</option>  
 </select>  
 </div>  
 </div>  
  
 <button type="submit" class="btn btn-primary mt-3">Submit</button>  
 <button type="reset" class="btn btn-secondary mt-3">Reset</button>  
 </form>  
</section>

# Summary

The form in this project is built using **HTML** and styled with **Bootstrap 5** to ensure a clean and responsive layout. Bootstrap’s **grid system** is used for aligning form fields, and **validation feedback classes** (is-valid, is-invalid) are applied for real-time error messages. The use of **Bootstrap’s styling** and **validation features** enhances the user experience by providing clear, visually appealing form elements with dynamic validation feedback.