



PES UNIVERSITY

Course Title:UE23CS242A: Web Technologies

Semester: III

Credits:4

Course Type: Core / Elective / Special Topic:Core

Experiential Learning (2025-26):

(Banana problem) Level -1

ProblemStatement:

During the PES University (PESU) admission process, applicants are required to submit personal profiles. Existing online forms lack interactivity, real-time validation, and live previews, often leading to user errors and poor experience. A smart, responsive form with dynamic feedback and validation is essential to improve accuracy, usability, and user engagement.

HTML5 (Hypertext Markup Language),CSS3 (Cascading Style Sheets),JavaScript (Client-side Scripting),Form Validation Techniques,User Interface (UI) & User Experience (UX) Design,Responsive Web Design,Date and Time Handling and Flexbox – For responsive layout

Smart Personal Profile Form

Date & Time: 7/7/2025, 8:04:43 PM

Enter Your Details

Full Name *

Email *

Phone Number

Short Bio

Submit

Live Preview

Name: Tanujkumar S G
Email: tanujkumar@gmail.com
Phone: 9902054966
Bio: I'm proud to be a PESUian from the EC Campus

Rubrics:

HTML	3 marks
CSS (UI/UX)	3 marks
Javascript	4 marks
Total	10 marks

Output Screenshot:-

The screenshot displays a web form titled "Smart Personal Profile Form" with a subtitle "Date & Time: 9/3/2025, 11:59:57 AM". The form is divided into two main sections: "Enter Your Details" and "Live Preview".

Enter Your Details:

- Full Name ***: Input field containing "Ankit Anilkumar Bembalgi".
- Email ***: Input field containing "ankitbembalgi1405@gmail.com".
- Phone Number ***: Input field containing "8150808293".
- Short Bio**: Input field containing "SRN:- PES2UG24AM020".
- Submit**: A blue button at the bottom of the form.

Live Preview:

- Name**: Ankit Anilkumar Bembalgi
- Email**: ankitbembalgi1405@gmail.com
- Phone**: 8150808293
- Bio**: SRN:- PES2UG24AM020

Code:-

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Smart Personal Profile Form</title>
  <style>
    body {
      background-color: whitesmoke;
      font-family: Arial, sans-serif;
    }
    .container {
      display: flex;
      justify-content: center;
      gap: 40px;
      margin-top: 80px;
    }
    .form-section, .preview-section {
      background-color: #f3dcaf2d;
      border-radius: 12px;
      padding: 30px 35px;
      width: 380px;
```

```
        border-color: black;
        border-style: solid;
    }
    .form-section h3 {
        color: blue;
    }
    label {
        font-weight: 600;
        margin-top: 18px;
        display: block;
    }
    input, textarea {
        width: 100%;
        padding: 8px 12px;
        border: 1.5px solid #7fd3ff;
        border-radius: 6px;
        font-size: 16px;
        margin-bottom: 8px;
        margin-top: 5px;
    }
    textarea {
        resize: vertical;
        min-height: 55px;
        font-family: Arial, sans-serif;
    }
    .submit-btn {
        background: #1666d5;
        color: #fff;
        border: none;
        border-radius: 6px;
        padding: 10px 0;
        font-size: 16px;
        width: 100%;
        cursor: pointer;
        margin-top: 16px;
    }
    .preview-section h3 {
        color: blue;
    }
    .profile-preview {
        background: #f5fbee;
```

```

padding: 20px 20px 18px 20px;
border-radius: 8px;
margin-top: 8px;
font-size: 16px;
}
.profile-preview b {
  color: green;
}
.date-time {
  color: black;
  text-align: center;
  margin-top: 8px;
  font-size: 13px;
}
h2 {
  color: blue;
  text-align: center;
  margin-top: 32px;
  margin-bottom: -10px;
  font-size: 23px;
}
</style>
</head>
<body>
<h2>Smart Personal Profile Form</h2>
<div class="date-time" id="datetime"></div>
<div class="container">
  <div class="form-section">
    <h3>Enter Your Details</h3>
    <form>
      <label>Full Name *</label>
      <input type="text" id="name" required>
      <label>Email *</label>
      <input type="email" id="email" required>
      <label>Phone Number *</label>
      <input type="text" id="phone" required>
      <label>Short Bio</label>
      <textarea id="bio"></textarea>
      <button type="submit" class="submit-
btn">Submit</button>
    </form>
  </div>
</div>

```

```

</div>
<div class="preview-section">
  <h3>Live Preview</h3>
  <div class="profile-preview" id="preview">
    <b>Name:</b> <span id="prevName"></span><br><br>
    <b>Email:</b> <span id="prevEmail"></span><br><br>
    <b>Phone:</b> <span id="prevPhone"></span><br><br>
    <b>Bio:</b> <span id="prevBio"></span>
  </div>
</div>
</div>
<script>
  document.getElementById('name').oninput = function() {
    document.getElementById('prevName').textContent =
this.value;
  }
  document.getElementById('email').oninput = function() {
    document.getElementById('prevEmail').textContent =
this.value;
  }
  document.getElementById('phone').oninput = function() {
    document.getElementById('prevPhone').textContent =
this.value;
  }
  document.getElementById('bio').oninput = function() {
    document.getElementById('prevBio').textContent = this.value;
  }
  function showDateTime() {
    var rightNow = new Date();
    var result = "Date & Time: " + (rightNow.getMonth()+1) + "/"
+ rightNow.getDate() + "/" + rightNow.getFullYear() + ", " +
rightNow.toLocaleTimeString();
    document.getElementById('datetime').textContent = result;
  }
  showDateTime();
</script>
</body>
</html>

```

//Thank You