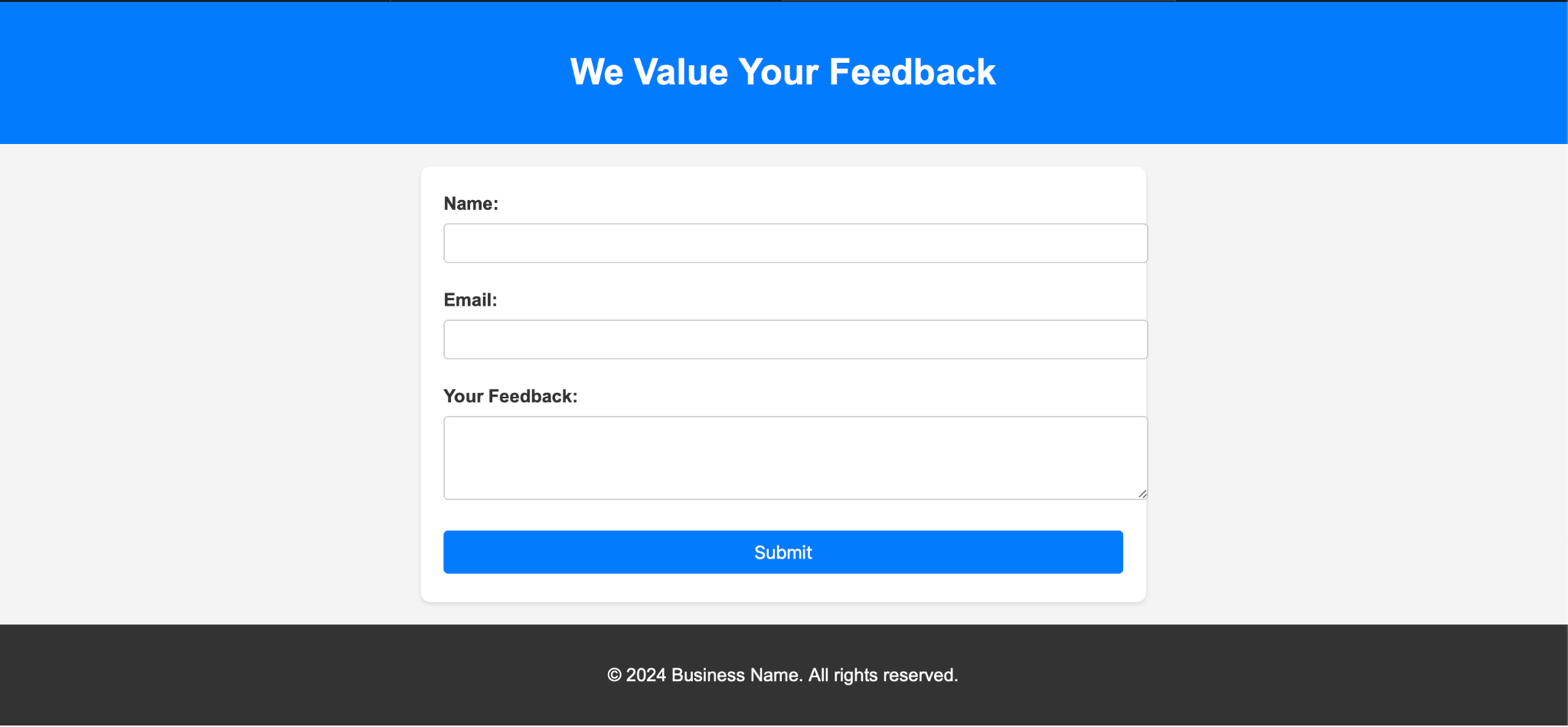
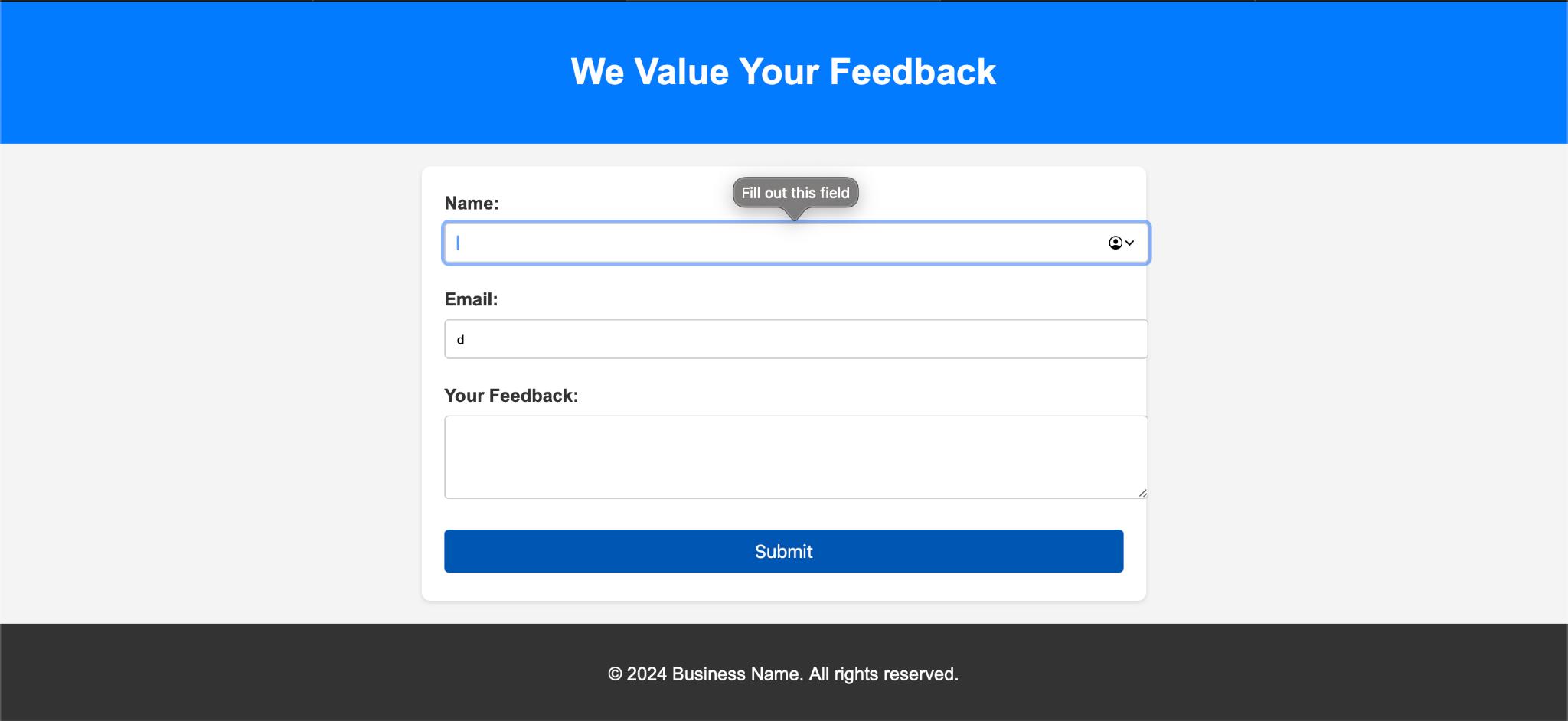
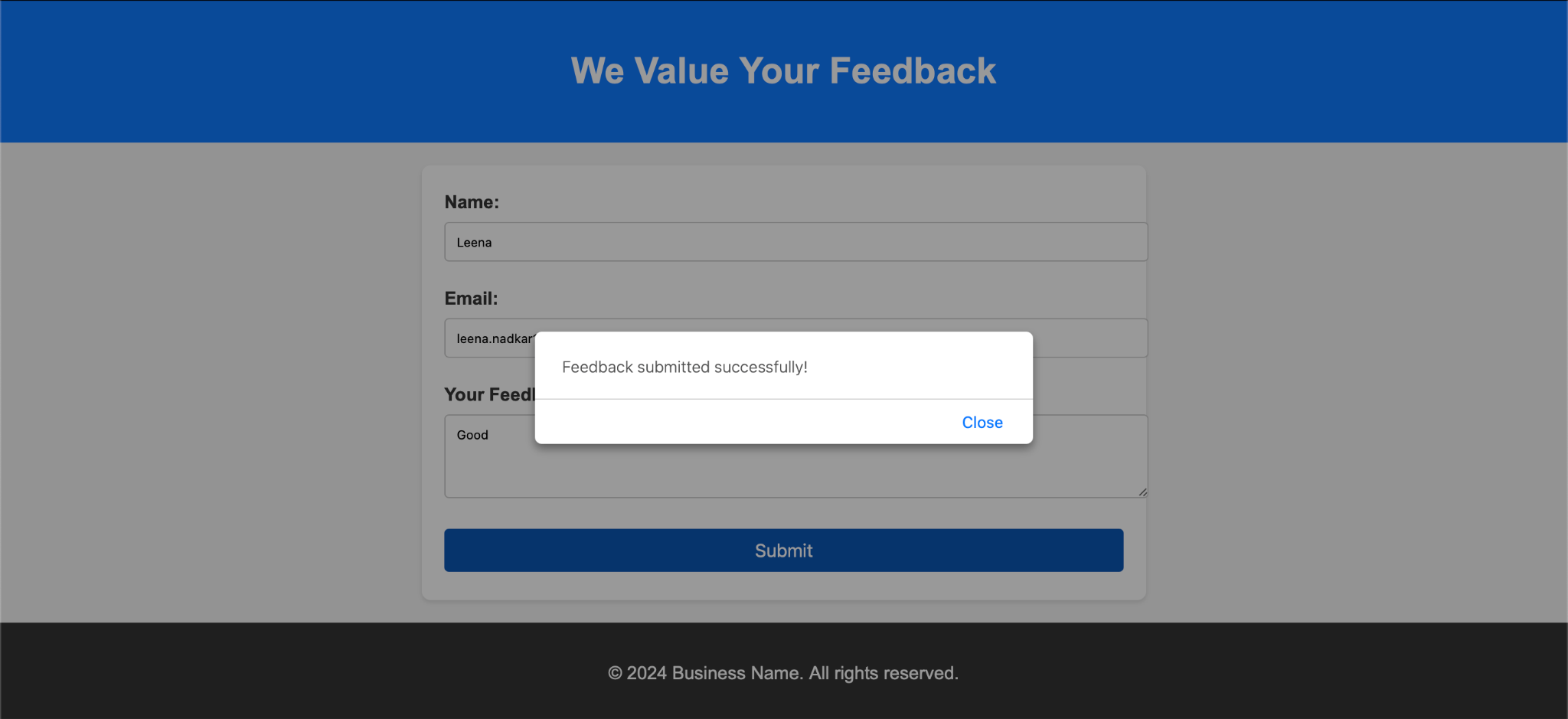
# Lab - Week 1\_A

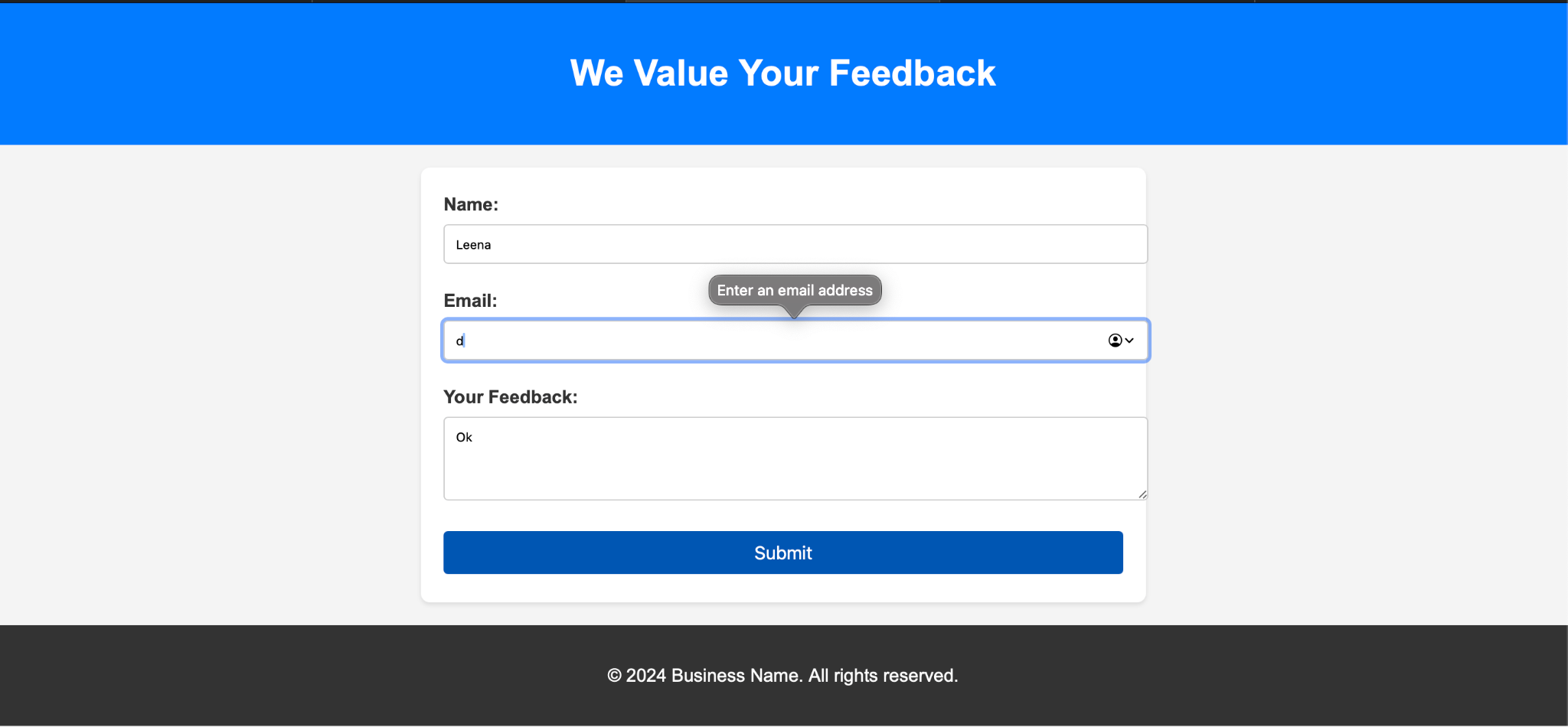
PART B

|  |  |
| --- | --- |
| **Roll No.: A073** | **Name: Aryan Srivastava** |
| **Prog/Yr/Sem: MCA/FY/sem II** | **Batch: B3** |
| **Date of Experiment: 02-01-2025** | **Date of Submission: 02-01-2025** |

## Task 1:

Imagine a business that wants to collect customer feedback through a simple web-based form. The webpage will include a form where users can enter their name, email, feedback message, and submit the information. It also provides real-time validation to ensure the form is properly filled out.



Requirements:

1. **Responsive Design**: The form adapts to different screen sizes.
2. **Real-Time Validation**: Ensures that all fields are properly filled before submission.
3. **User Feedback**: Alerts the user upon successful submission.

**CODE**

**Index.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Feedback Form</title>

    <link rel="stylesheet" href="styles.css">

</head>

<body>

    <div class="header">

        <h1>We Value Your Feedback</h1>

    </div>

    <div class="form-container">

        <form id="feedbackForm">

            <label>Name:</label>

            <input type="text" id="name" name="name">

            <span class="error" id="nameError"></span>

            <label>Email:</label>

            <input type="email" id="email" name="email">

            <span class="error" id="emailError"></span>

            <label>Your Feedback:</label>

            <textarea id="feedback" name="feedback" rows="4"></textarea>

            <span class="error" id="feedbackError"></span>

            <button type="submit">Submit</button>

        </form>

    </div>

    <div class="modal" id="successModal">

        <div class="modal-content">

            <span class="close-button" id="closeModal"></span>

            <h2>Thank You!</h2>

            <p>Your feedback has been submitted successfully.</p>

        </div>

    </div>

    <footer>

        <p>2024 Business Name. All rights reserved.</p>

    </footer>

    <script src="script.js"></script>

</body>

</html>

**Styles.css**

body {

    margin: 0;

    font-family: Arial, sans-serif;

    background-color: #f2f2f2;

  }

  .header {

    background-color: #007bff;

    color: white;

    text-align: center;

    padding: 20px;

  }

  .form-container {

    max-width: 600px;

    margin: 40px auto;

    padding: 20px;

    background-color: white;

    border-radius: 8px;

  }

  form {

    display: flex;

    flex-direction: column;

  }

  label {

    margin-bottom: 8px;

    font-weight: bold;

  }

  input, textarea {

    margin-bottom: 20px;

    padding: 10px;

    font-size: 16px;

    border: 1px solid #ccc;

    border-radius: 4px;

  }

  button {

    padding: 10px;

    font-size: 16px;

    color: white;

    background-color: #007bff;

    border: none;

    border-radius: 4px;

  }

  button:hover {

    background-color: #0056b3;

  }

  footer {

    text-align: center;

    padding: 10px;

    background-color: #333;

    color: white;

    position: fixed;

    bottom: 0;

    width: 100%;

  }

  .error {

    color: red;

    font-size: 14px;

    margin-bottom: 10px;

    display: none;

}

.modal {

    display: none;

    position: fixed;

    z-index: 1000;

    left: 0;

    top: 0;

    width: 100%;

    height: 100%;

    overflow: auto;

    background-color: rgba(0, 0, 0, 0.5);

}

.modal-content {

    background-color: white;

    margin: 15% auto;

    padding: 20px;

    border-radius: 8px;

    max-width: 400px;

    text-align: center;

}

**Script.js**

document.getElementById("feedbackForm").addEventListener("submit", function (event) {

    event.preventDefault();

    document.getElementById("nameError").style.display = "none";

    document.getElementById("emailError").style.display = "none";

    document.getElementById("feedbackError").style.display = "none";

    const name = document.getElementById("name").value.trim();

    const email = document.getElementById("email").value.trim();

    const feedback = document.getElementById("feedback").value.trim();

    let isValid = true;

    if (name === "") {

        document.getElementById("nameError").textContent = "Name is required.";

        document.getElementById("nameError").style.display = "block";

        isValid = false;

    }

    if (email === "") {

        document.getElementById("emailError").textContent = "Email is required.";

        document.getElementById("emailError").style.display = "block";

        isValid = false;

    } else if (!/^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(email)) {

        document.getElementById("emailError").textContent = "Enter a valid email address.";

        document.getElementById("emailError").style.display = "block";

        isValid = false;

    }

    if (feedback === "") {

        document.getElementById("feedbackError").textContent = "Feedback is required.";

        document.getElementById("feedbackError").style.display = "block";

        isValid = false;

    }

    if (isValid) {

        document.getElementById("successModal").style.display = "block";

    }

});

document.getElementById("closeModal").addEventListener("click", function () {

    document.getElementById("successModal").style.display = "none";

});

window.addEventListener("click", function (event) {

    const modal = document.getElementById("successModal");

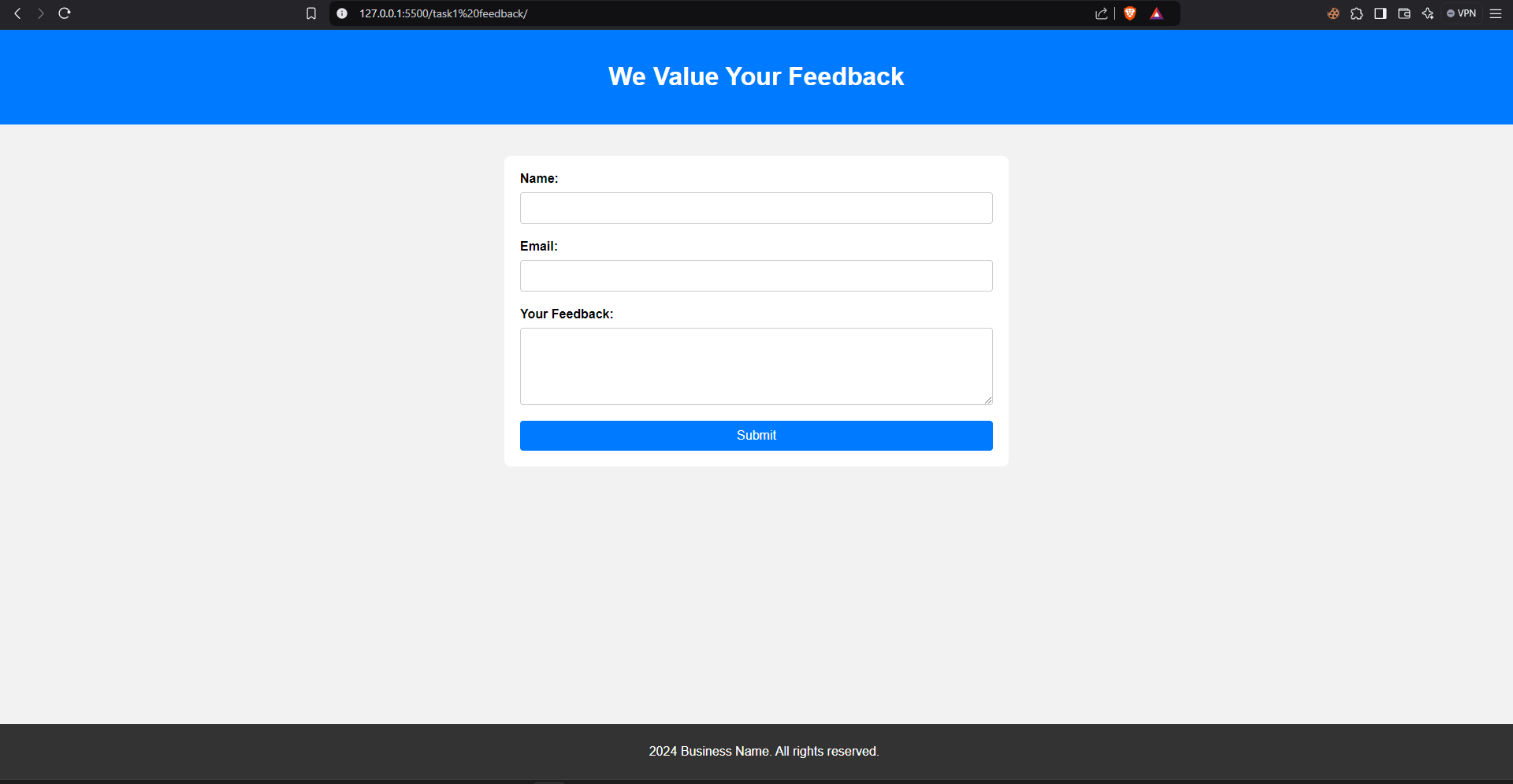
    if (event.target === modal) {

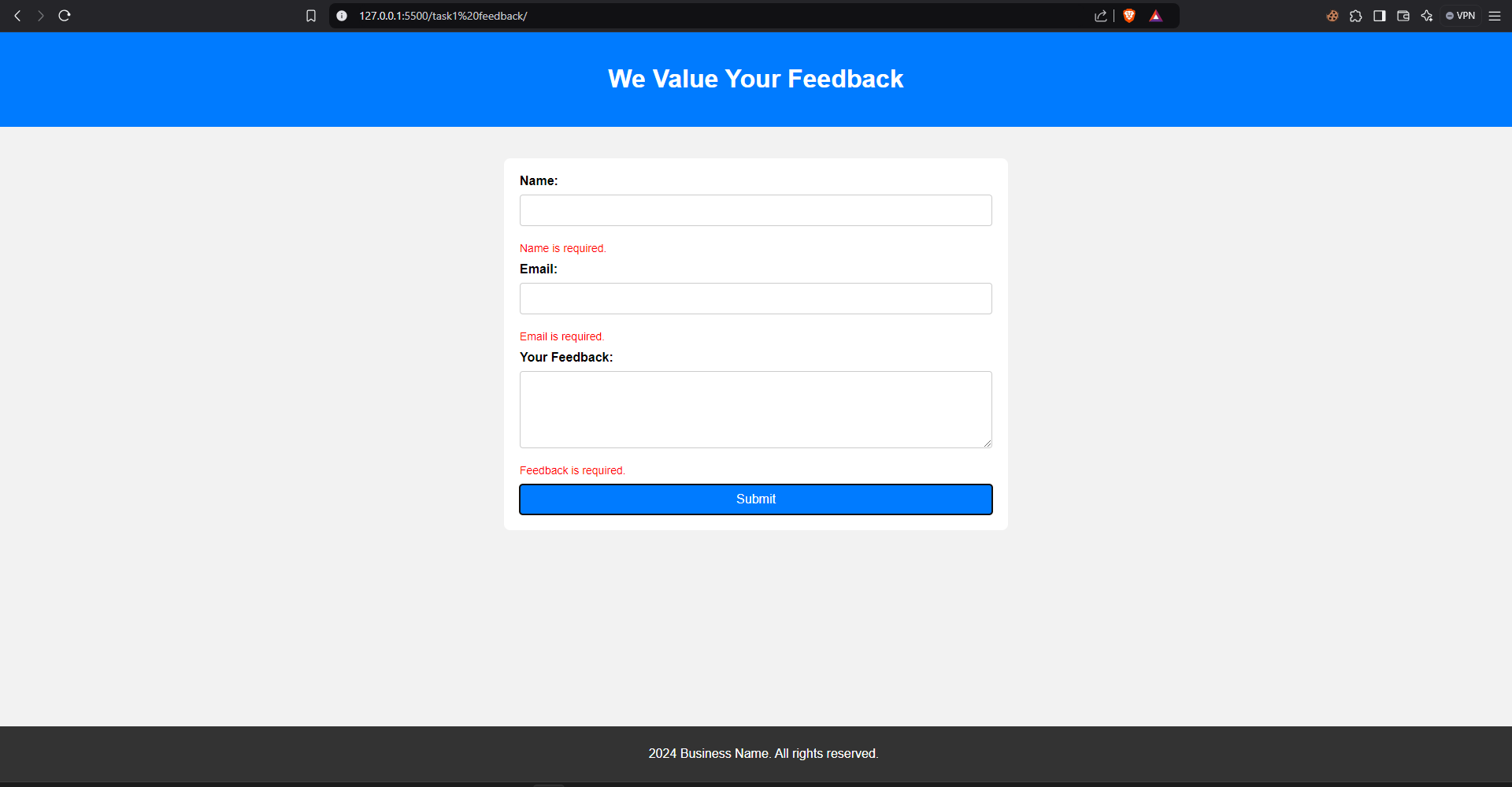
        modal.style.display = "none";

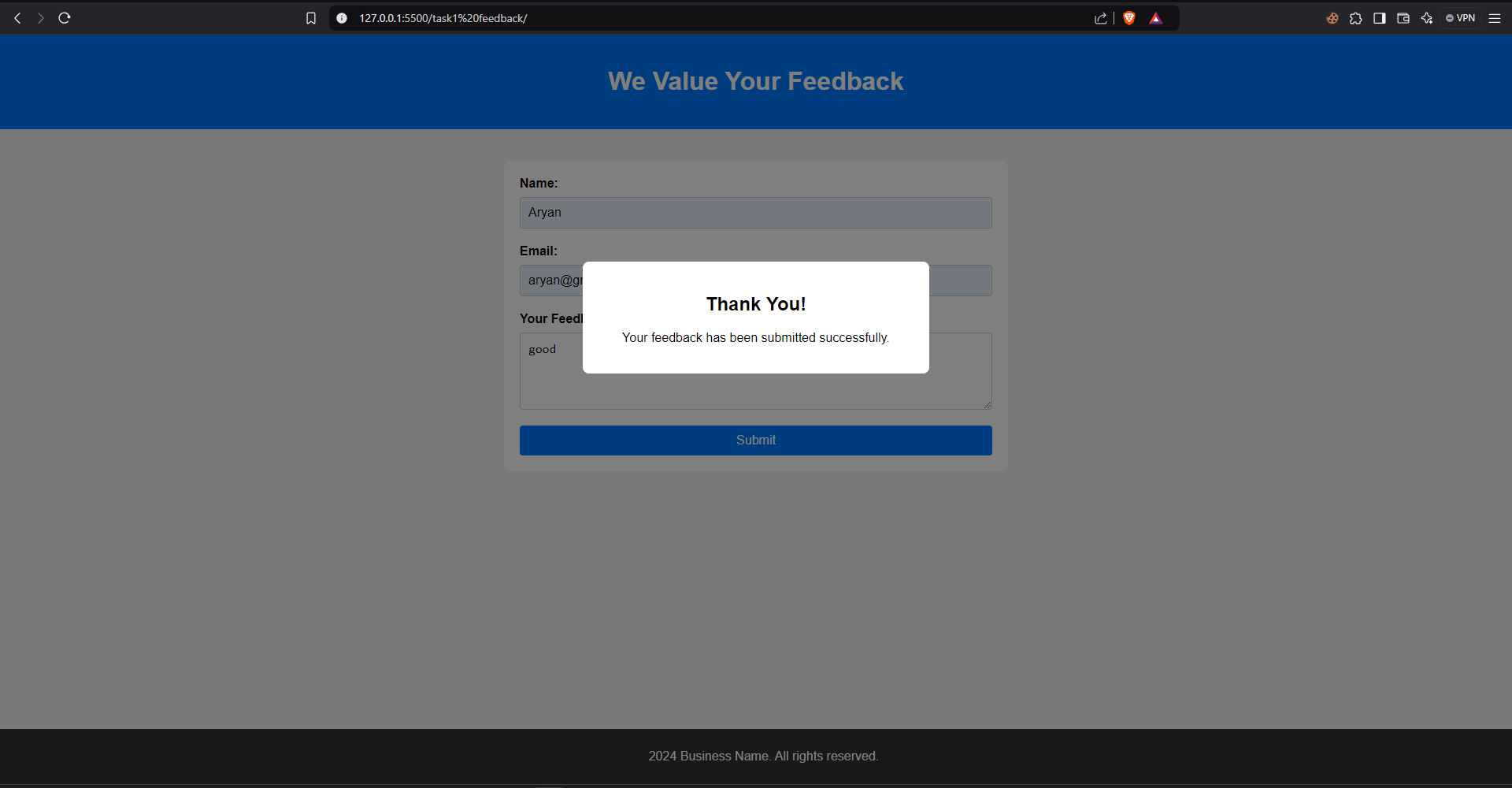
    }

});

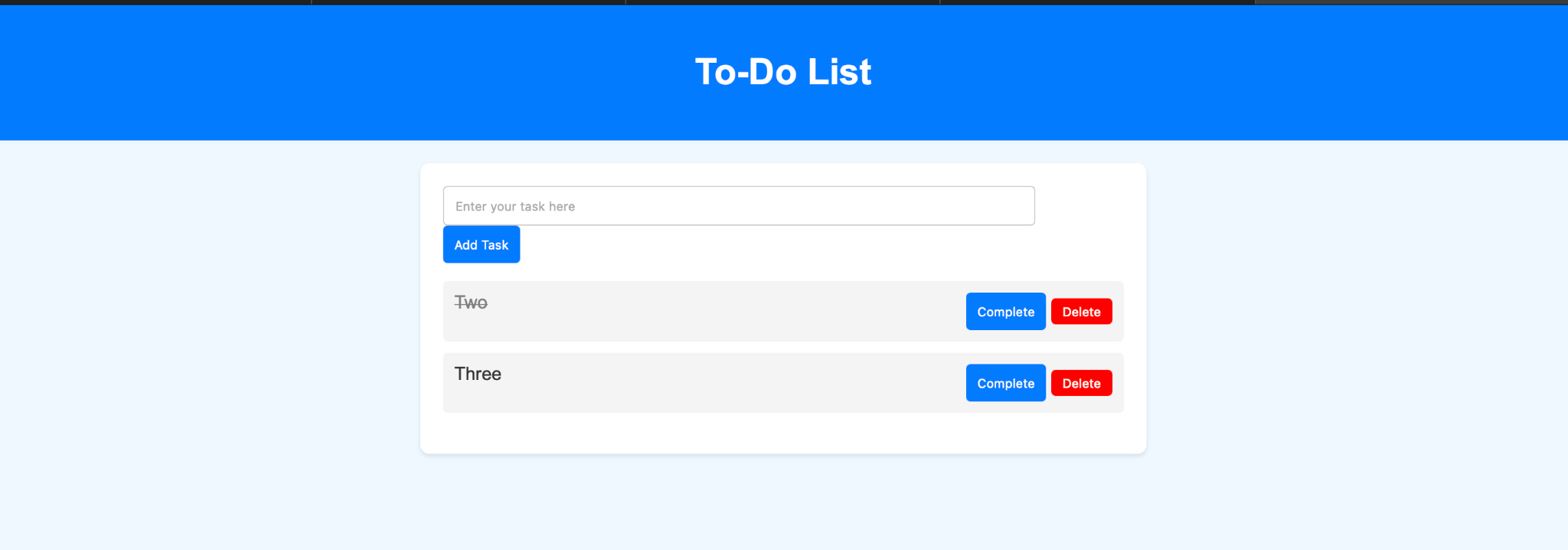
**OUTPUT**







## Task 2:

Imagine a scenario where users need a simple webpage to manage their daily tasks. They can add tasks, mark them as complete, and delete them.

**CODE**

**Index.html**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>To-Do List</title>

  <link rel="stylesheet" href="styles.css">

</head>

<body>

  <div class="header">

    <h1>To-Do List</h1>

  </div>

  <div class="todo-container">

    <div class="input-container">

      <input type="text" id="taskInput" placeholder="Enter your task here">

      <button id="addTaskButton">Add Task</button>

    </div>

    <ul id="taskList"></ul>

  </div>

  <script src="script.js"></script>

</body>

</html>

**Styles.css**

body {

    margin: 0;

    font-family: Arial, sans-serif;

    background-color: #f0f8ff;

  }

  .header {

    background-color: #007bff;

    color: white;

    text-align: center;

    padding: 20px;

  }

  .todo-container {

    max-width: 500px;

    margin: 40px auto;

    padding: 20px;

    background-color: white;

    border-radius: 8px;

    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

  }

  .input-container {

    display: flex;

    gap: 10px;

  }

  #taskInput {

    flex: 1;

    padding: 10px;

    font-size: 16px;

    border: 1px solid #ccc;

    border-radius: 4px;

  }

  #addTaskButton {

    padding: 10px 20px;

    font-size: 16px;

    color: white;

    background-color: #007bff;

    border: none;

    border-radius: 4px;

    cursor: pointer;

  }

  #addTaskButton:hover {

    background-color: #0056b3;

  }

  #taskList {

    list-style: none;

    padding: 0;

    margin: 20px 0 0;

  }

  .task-item {

    display: flex;

    justify-content: space-between;

    align-items: center;

    padding: 10px;

    margin-bottom: 10px;

    background-color: #f9f9f9;

    border-radius: 4px;

    border: 1px solid #ccc;

  }

  .complete-btn, .delete-btn {

    padding: 5px 10px;

    font-size: 14px;

    border: none;

    border-radius: 4px;

    cursor: pointer;

  }

  .complete-btn {

    background-color: #007bff;

    color: white;

  }

  .complete-btn:hover {

    background-color: #0056b3;

  }

  .delete-btn {

    background-color: #ff4d4d;

    color: white;

  }

  .delete-btn:hover {

    background-color: #cc0000;

  }

  .completed {

    text-decoration: line-through;

    color: #888;

  }

**Script.js**

document.addEventListener("DOMContentLoaded", () => {

    const taskInput = document.getElementById("taskInput");

    const addTaskButton = document.getElementById("addTaskButton");

    const taskList = document.getElementById("taskList");

    addTaskButton.addEventListener("click", () => {

      const taskText = taskInput.value.trim();

      if (taskText === "") {

        alert("Please enter a task.");

        return;

      }

      const taskItem = document.createElement("li");

      taskItem.classList.add("task-item");

      const taskContent = document.createElement("span");

      taskContent.textContent = taskText;

      const completeButton = document.createElement("button");

      completeButton.textContent = "Complete";

      completeButton.classList.add("complete-btn");

      const deleteButton = document.createElement("button");

      deleteButton.textContent = "Delete";

      deleteButton.classList.add("delete-btn");

      taskItem.appendChild(taskContent);

      taskItem.appendChild(completeButton);

      taskItem.appendChild(deleteButton);

      taskList.appendChild(taskItem);

      taskInput.value = "";

      completeButton.addEventListener("click", () => {

        taskContent.classList.toggle("completed");

      });

      deleteButton.addEventListener("click", () => {

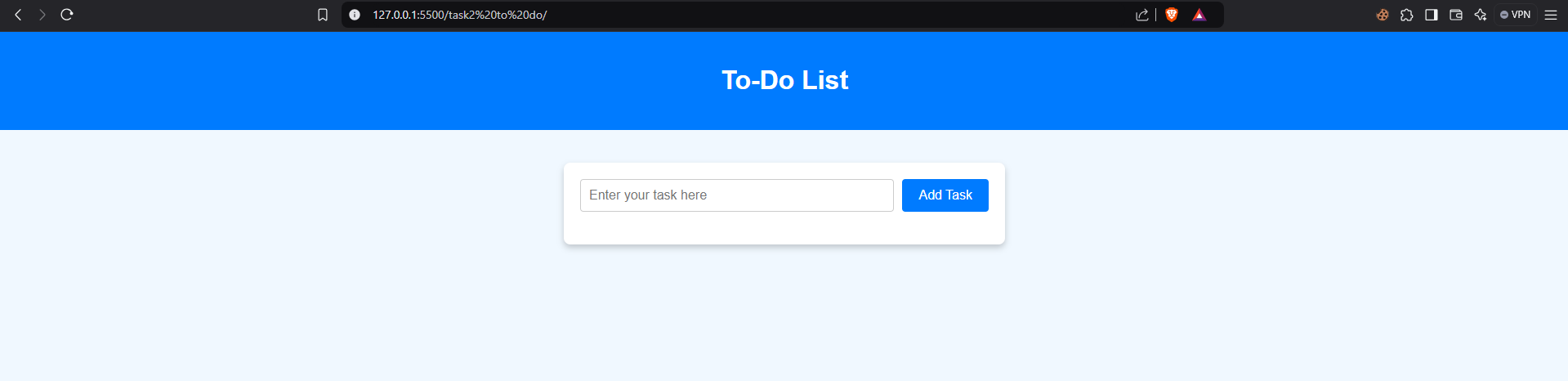
        taskList.removeChild(taskItem);

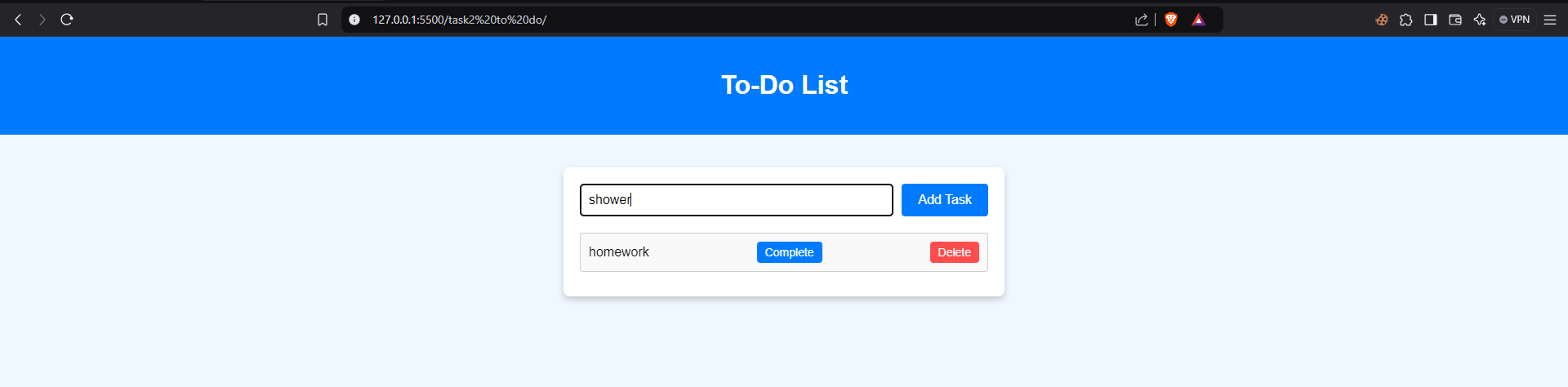
      });

    });

  });

**OUTPUT**

****

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