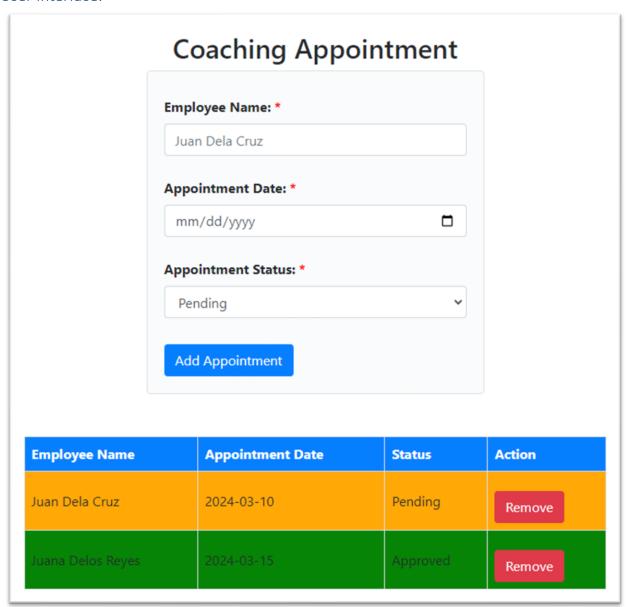# COACHING APPOINTMENT

Project Description:

Create an interactive coaching appointment application using JavaScript. The application should allow users to add and delete appointment, with a real-time update of the appointment list. The project will cover various JavaScript topics mentioned in the course.

User Interface:

Acceptance Criteria:

1. **Appointment List Display:**
   - Create an HTML page with an appointment list container.
   - Display existing appointment with details such as employee name, appointment date, appointment status (pending, approved), and action (Remove).

2. **Add Appointment Functionality:**
   - Implement a form with fields to add a new appointment (employee name, appointment date, appointment status).
   - Use JavaScript to handle form submission and dynamically update the appointment list.

3. **Delete Appointment:**
   - Enable users to delete existing appointment.

4. **Variable and Constants:**
   - Utilize variables and constants appropriately in your JavaScript code.
   - Use constants for appointment status values (e.g., "Pending," "Approved").

5. **Program Flow:**
   - Implement conditionals for displaying different styles for appointment based on their appointment status.
     - i. If approved, change the background color of the row to green.
     - ii. If pending, change the background color of the row to orange.
   - Utilize loops for displaying appointment list dynamically.

6. **Functions:**
   - Create functions for adding and deleting appointment.
   - Pass information to functions for processing.

7. **Objects and the DOM:**
   - Represent appointment as objects with properties (employee name, appointment date, appointment status).
   - Use the DOM to dynamically update the appointment list.

8. **Arrays:**
   - Use arrays to store and manipulate the list of appointment.
   - Implement array methods like push and splice for managing the appointment.

9. **Scope:**
   - Understand and demonstrate global and function scope in your code.

10. **Modern JavaScript:**
   - Implement modern JavaScript features such as arrow functions, destructuring, and template strings.
   - Explore the use of classes for organizing your code.

CSS and JS libraries:

- Bootstrap
  - https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css
- JS
  - https://code.jquery.com/jquery-3.5.1.slim.min.js
  - https://cdn.jsdelivr.net/npm/@popperjs/core@2.10.2/dist/umd/popper.min.js
  - https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js