Navkar Dreamsoft

Task (React Js Developer)

Time:-1 hr 30 min

Develop an Employee Registration System where the user can add, view, edit, update, delete employee records, and apply search filters based on the joining date.

Part 1: Form Design and Implementation (Frontend)

Design an Employee Registration form with the following fields:

- **Employee ID** (Auto-generated or manually entered)
- **Name** (Text)
- **Address** (Text Area)
- **Contact Number** (Numeric, validation for 10 digits)
- **Joining Date** (Date Picker)
- **Gender** (Radio Button: Male/Female/Other)
- **Salary** (Numeric)
- **Department** (Dropdown with options like HR, IT, Finance, etc.)
- **Profile Picture** (File upload for image)

Include:

- **Submit Button** to save the employee details.
- **Clear Button** to reset the form fields.

Part 2: Display Employee Data (Frontend)

After form submission, display the list of employees in a tabular format.

- The table should display the following columns:
  - **Employee ID**
  - **Name**
  - **Department**
  - **Joining Date**
  - **Salary**
  - **Contact Number**
  - **Profile Picture**

Part 3: Edit and Delete Operations

Implement **Edit** and **Delete** functionality for each employee record:

- **Edit:**
  - Allow editing of employee data using the form.
- **Delete:**
  - Add a **Delete** button next to each employee in the table. On clicking the button, delete the respective employee's record from the database.

Part 4: Search and Filter (Frontend)

Implement a **Search and Filter** feature for employees based on the **Joining Date**.

- Provide input fields to filter employees between two dates (From Date and To Date).
- When the user selects the date range and clicks the **Search** button, the list should display employees who joined within that date range.