

React.js Assignment – Employee Management Dashboard

Assignment Overview

Step 1: Authentication

- Build a **Login Page**
 - Basic authentication logic is sufficient (mock login is acceptable)
 - After successful login, redirect the user to the **Dashboard**
 - Prevent dashboard access without login
-

Step 2: Employee Management Dashboard

Dashboard Summary

- Display **Total Number of Employees**
 - Optional: show Active vs Inactive count (bonus)
-

Employee List

Display a table/list with the following columns:

- Employee ID
 - Profile Image
 - Full Name
 - Gender
 - Date of Birth (DOB)
 - State
 - Active / Inactive Toggle
 - Actions:
 - Edit
 - Delete
 - Print
-

Employee Form

Create a form to **Add / Edit Employee** with:

- Full Name
- Gender
- Date of Birth
- Profile Image upload (image picker)
- State selection from Drop down
- Active / Inactive status

Notes:

- Image preview before save is expected
 - Form validation is required
 - Same form can be reused for Edit functionality
-

Actions & Features

- Add Employee
 - Edit Employee
 - Delete Employee (confirmation required)
 - Print Employees list
-

Search & Filter

- Search employees by **Name**
 - Filter by:
 - Gender
 - Active / Inactive status
 - Filters should work together (combined filtering)
-

UI / UX Requirements

- Use **Modern UI & UX principles**
 - Clean layout, proper spacing, and readable typography
 - **Pleasant color palette**
 - Loading states & empty states should be handled gracefully
-

Technical Requirements

- React.js (Java Script/TypeScript)
- Proper component structure
- Clean and readable code
- Meaningful folder structure
- Reusable components

API:

- You may use:
 - Mock data
 - JSON Server
 - Local storage
 - Any mock API service
-

Deliverables

1. **GitHub Repository Link**
 - Complete source code
 - Proper commit history preferred
2. **Zipped Source Code**
 - Include all necessary files to run the project
3. **README File**

Must include:

 - Project overview
 - Tech stack used
 - Steps to run the project locally
 - Any assumptions or design decisions

4. Screen Recording

- Show:
 - Login flow
 - Dashboard overview
 - Add / Edit / Delete employee
 - Image upload
 - Search & Filter
 - Print functionality
-

Time Expectation

- Recommended time: **3 days**
- Focus on **quality over quantity**