

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
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Step 2: Employee Management Dashboard

Dashboard Summary

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

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

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

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