

Project Structure (Recommended):

CSS

CopyEdit

employee-management-dashboard/

```
├── src/
|   ├── components/
|   |   ├── EmployeeForm.js
|   |   ├── EmployeeList.js
|   |   ├── AdminPanel.js
|   |   ├── HRPanel.js
|   |   └── EmployeeCard.js
|   ├── App.js
|   └── index.js
```

Tasks to Complete:

Task 1: Setup and Routing

- Create a new React application using create-react-app.
 - Set up react-router-dom with navigation links (Home, Register, Admin, HR).
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Task 2: Employee Registration Form

- Create a component (EmployeeForm.js) to register an employee.
 - Include fields:
 - Full Name, Email, Mobile Number, DOB, AADHAR, PAN
 - Address (House No, Building Name, Area, City, State, Pincode)
 - Validate inputs (all fields required, correct email format, mobile number validation).
 - On submission, store the employee data with the status "Pending" and assign a unique ID (use Date.now()).
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Task 3: Employee List with Conditional Rendering

- Create EmployeeList.js component to display all registered employees.
 - Each employee displayed using a reusable component (EmployeeCard.js).
 - Display employee status clearly (Pending or Accepted).
 - Add conditional styling (e.g., red background for pending, green for accepted).
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Task 4: Admin Panel for Approval

- Create an AdminPanel.js component.
 - Display a list of all employees whose status is "Pending".
 - Admin should be able to change employee status from "Pending" to "Accepted" via button click.
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Task 5: HR Panel for Accepted Employees

- Create an HRPanel.js component.
 - Display a list of only "Accepted" employees.
 - Provide detailed information (use EmployeeCard.js component) clearly.
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Task 6: Data Handling and State Management

- Store data using React state (useState) within the main App.js.
 - Pass data and event handlers between parent and child components using props.
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🔑 Routes to Implement:

- / - Home page (simple welcome message).
- /register - Employee registration form.
- /employees - Display all registered employees.
- /admin - Admin panel to approve employees.
- /hr - HR panel displaying accepted employees.