**Employee Management System**

There are 2 users in the system

* Administrator
* Employee

The Role of Administrator is

1. Create a new Bonus.
2. View all the Bonus, Salary Advance requests, and Leave request and grant requests.
3. Create an Employee.
4. View all the Employees.
5. Create an employee’s salary.

The Role of Employee is

1. Check in and see the attendance list.
2. View all the Bonus, Salary Advance requests, and Leave request and approval status.
3. Create a new salary advance request.
4. Create a new Leave request.
5. Check salary according to month Employee's salary.

**Full Feature of My Project**

**Core Employee Data Management:**

* **Employee List:** name, ID, department, and designation. with searching, sorting, and filtering.
* **Employee Profile:** specific employee, including contact details, emergency contacts, job description, skills, and work experience. authorized users to edit this information.

**Time and Attendance:**

* **Timesheet:** submit their daily work hours, breaks, and leave requests. a clock-in/out system for automatic data capture. (This might require additional services)
* **Leave Management:** request various types of leave (sick leave, vacation, etc.), track their remaining leave balance, and view the approval status of their requests. Managers could approve or reject leave requests.

**Performance Management:**

* **Goal Setting:** performance goals for their employees and track their progress throughout the review period.
* **Performance Review:** performance reviews. pre-defined templates for evaluation and feedback.

**Payroll and Benefits:**

* **Payroll Summary:** (restricted to authorized users) display a summary of employee salaries, deductions, and net pay. (Integration with payroll systems might be needed)
* **Benefits Management:** view their benefits package details, enroll in different benefits, and update their beneficiary information.

**Additional Components:**

* **Document Management:** storing and managing employee-related documents like resumes, contracts, and certificates.
* **Announcement Board:** a platform for HR or management to share company announcements and updates with all employees.
* **Internal Communication:** internal communication between employees and managers through messages or group discussions.

**Important Considerations:**

* **User Roles and Permissions:** Implement different user roles (admin, manager, employee) with varying access levels to specific functionalities.
* **Data Security:** Ensure secure storage and transmission of sensitive employee data using encryption and secure authentication methods.
* **Integrations:** Consider integrating with existing HR systems or third-party services for functionalities like payroll or timekeeping.

**All eligible Component**

**Authentication Components**

1. **LoginComponent**: Handles user login.
2. **RegisterComponent**: Allows new users to register.
3. **ForgotPasswordComponent**: Manages password recovery.

**Employee Management Components**

1. **EmployeeListComponent**: Displays a list of employees.
2. **EmployeeDetailComponent**: Shows detailed information about a single employee.
3. **EmployeeCreateComponent**: Form to add a new employee.
4. **EmployeeEditComponent**: Form to edit existing employee details.
5. **EmployeeDeleteComponent**: Confirms and handles the deletion of an employee.

**Department Management Components**

1. **DepartmentListComponent**: Displays a list of departments.
2. **DepartmentDetailComponent**: Shows detailed information about a single department.
3. **DepartmentCreateComponent**: Form to add a new department.
4. **DepartmentEditComponent**: Form to edit existing department details.
5. **DepartmentDeleteComponent**: Confirms and handles the deletion of a department.

**Attendance Management Components**

1. **AttendanceListComponent**: Displays attendance records.
2. **AttendanceDetailComponent**: Shows detailed attendance information for a single employee.
3. **AttendanceCreateComponent**: Allows for the addition of new attendance records.
4. **AttendanceEditComponent**: Form to edit existing attendance records.
5. **AttendanceDeleteComponent**: Confirms and handles the deletion of attendance records.

**Leave Management Components**

1. **LeaveListComponent**: Displays a list of leave applications.
2. **LeaveDetailComponent**: Shows detailed information about a single leave application.
3. **LeaveCreateComponent**: Form to apply for leave.
4. **LeaveEditComponent**: Form to edit existing leave applications.
5. **LeaveDeleteComponent**: Confirms and handles the deletion of a leave application.

**Performance Management Components**

1. **PerformanceListComponent**: Displays performance reviews.
2. **PerformanceDetailComponent**: Shows detailed performance review for a single employee.
3. **PerformanceCreateComponent**: Form to add a new performance review.
4. **PerformanceEditComponent**: Form to edit existing performance reviews.
5. **PerformanceDeleteComponent**: Confirms and handles the deletion of a performance review.

**Payroll Management Components**

1. **PayrollListComponent**: Displays payroll records.
2. **PayrollDetailComponent**: Shows detailed payroll information for a single employee.
3. **PayrollCreateComponent**: Form to add a new payroll record.
4. **PayrollEditComponent**: Form to edit existing payroll records.
5. **PayrollDeleteComponent**: Confirms and handles the deletion of a payroll record.

**Common Components**

1. **NavbarComponent**: Navigation bar for the application.
2. **SidebarComponent**: Sidebar menu for quick access to different parts of the application.
3. **DashboardComponent**: Provides an overview and summary of key metrics.
4. **ProfileComponent**: Displays and allows editing of the logged-in user's profile.
5. **SettingsComponent**: Application settings and preferences.
6. **NotificationComponent**: Handles and displays system notifications.

**Utility Components**

1. **PaginationComponent**: Handles pagination for lists.
2. **SearchComponent**: Provides search functionality across various components.
3. **FilterComponent**: Provides filtering options for lists.
4. **SortComponent**: Handles sorting of list data.
5. **ModalComponent**: Generic modal dialog for confirmation and other interactions.

**Error Handling Components**

1. **NotFoundComponent**: Displays a 404 not found page.
2. **ErrorComponent**: Generic error page for handling unexpected errors.

**Security Components**

1. **RoleManagementComponent**: Manages user roles and permissions.
2. **AccessControlComponent**: Controls access to various parts of the application based on roles and permissions.

**Reports Components**

1. **ReportListComponent**: Displays various reports.
2. **ReportDetailComponent**: Shows detailed information about a single report.
3. **ReportCreateComponent**: Form to create a new report.
4. **ReportEditComponent**: Form to edit existing reports.
5. **ReportDeleteComponent**: Confirms and handles the deletion of a report.