

Employee Management System

Use Cases

- **Use Case: View Employee List**

- **Actor: HR Manager**
- **Description:**
 - The HR manager logs in to the system.
 - They navigate to the "Employee List" section.
 - The system displays a paginated list of all employees, including their basic details (name, position, department).
- **Preconditions:**
 - The HR manager is authenticated.
- **Postconditions:**
 - The HR manager can view employee information.

- **Use Case: Add New Employee**

- **Actor: HR Manager**
- **Description:**
 - The HR manager logs in to the system.
 - They navigate to the "Add Employee" section.
 - They enter relevant information (e.g., name, contact details, job role) for the new employee.
 - The system validates the input and adds the employee to the database.
- **Preconditions:**
 - The HR manager is authenticated.
- **Postconditions:**
 - A new employee record is created.

- **Use Case: Update Employee Details**

- **Actor: HR Manager**
- **Description:**
 - The HR manager logs in to the system.
 - They navigate to the "Update Employee" section.
 - They search for the employee by name or ID.
 - The system displays the existing details.
 - The HR manager edits the necessary fields (e.g., phone number, job title).
 - The system updates the employee record.
- **Preconditions:**

- The HR manager is authenticated.
 - **Postconditions:**
 - The employee's details are updated.
- **Use Case: Delete Employee**
 - **Actor: HR Manager**
 - **Description:**
 - The HR manager logs in to the system.
 - They navigate to the "Delete Employee" section.
 - They search for the employee by name or ID.
 - The system displays the employee's details.
 - The HR manager confirms the deletion.
 - The system removes the employee from the database.
 - **Preconditions:**
 - The HR manager is authenticated.
 - **Postconditions:**
 - The employee record is deleted.
- **Use Case: User Registration**
 - **Actor: New Employee or Manager**
 - **Description:**
 - The user accesses the registration page.
 - They provide necessary details (e.g., name, email, password).
 - The system validates the input and creates a new user account.
 - **Preconditions:**
 - The user is not yet registered.
 - **Postconditions:**
 - The user can log in with their newly created account.
- **Use Case: Role-Based Access Control**
 - **Actor: System**
 - **Description:**
 - The system assigns different roles (e.g., employee, manager, HR) to users during registration.
 - Each role has specific permissions (e.g., managers can edit employee details, employees can only view their own information).
 - **Preconditions:**
 - Users have registered with their respective roles.
 - **Postconditions:**
 - Users can access features based on their assigned roles.