

Django Office Management System – Practical Question

Scenario:

You are assigned to build a basic **Office Management System** for a company using Django. The system manages **Employees**, **Departments**, and **Leave Requests**. It supports two user roles: **Admin** and **Employee**.

Core Requirements:

1. Authentication

- Implement login/logout using Django auth.
- User roles:
 - **Admin**: Full control
 - **Employee**: Limited access (own profile & leave)

2. Employee Management

- Admin can:
 - Add, edit, delete, and view all employees.
- Employee can:
 - View and edit their own profile.

Employee Fields:

Full Name, Email, Phone, Department (FK), Position, Date of Joining, Profile Picture

3. Department Management

- Admin can:
 - Create/edit/delete departments.

- View list of departments with employees.

Department Fields:

Name, Description

4. Leave Management

- Employee can:
 - Apply for leave.
 - View leave history.
- Admin can:
 - View all leave requests.
 - Approve or reject requests.

Leave Fields:

Employee (FK), Leave Type, From Date, To Date, Reason, Status (Pending, Approved, Rejected)

5. Dashboards

- **Admin Dashboard**: Total employees, departments, pending leave requests.
- **Employee Dashboard**: Welcome message, profile summary, leave summary.