

Employee Management System Entity Relationship Diagram Tables

These tables below provide the complete database tables details such as **Field Name, student management system project, data types, character lengths.**

Table Name: Employee

| Field | Description | Type | Length |
|-------------|---------------------|---------|--------|
| emp_ID (PK) | Employee ID | Int | 11 |
| fname | Employee First Name | Varchar | 255 |
| lname | Employee Last Name | Varchar | 255 |
| gender | Employee Gender | Int | 11 |
| age | Employee Age | Int | 11 |
| contact_add | Contact Address | Int | 11 |
| emp_email | Employee Email | Varchar | 255 |
| emp_pass | Employee Password | Varchar | 255 |

Table Name: Users

| Field | Description | Type | Length |
|---------------|-----------------------|---------|--------|
| admin_ID (PK) | Admin ID | Int | 11 |
| fname | Instructor First Name | Varchar | 255 |
| lname | Instructor Last Name | Varchar | 255 |
| gender | Instructor Gender | Int | 11 |
| age | Instructor Age | Int | 11 |
| contact_add | Contact Address | Int | 11 |
| admin_email | Admin Email | Varchar | 255 |
| admin_pass | Admin Password | Varchar | 255 |

Table Name: Job Department

| Field | Description | Type | Length |
|--------------|--------------------|-------------|---------------|
| job_ID (PK) | Job ID | Int | 11 |
| job_dept | Job Department | Varchar | 30 |
| name | Job Name | Varchar | 30 |
| description | Job Description | Varchar | 30 |
| salary_range | Salary Range | Varchar | 30 |

Table Name: Salary or Bonus

| Field | Description | Type | Length |
|----------------|---------------------|-------------|---------------|
| salary_ID (PK) | Salary ID | Int | 11 |
| job_ID (FK) | Job ID | Int | 11 |
| amount | Amount | Int | 11 |
| annual | Annual Expense Date | | |
| bonus | Bonus | Date | |

Table Name: Qualification

| Field | Description | Type | Length |
|--------------|-------------------------|-------------|---------------|
| qual_ID (PK) | Qualification ID | Int | 11 |
| emp_ID (FK) | Employee ID | Int | 11 |
| position | Position of Application | Varchar | 30 |
| requirements | Requirements | Varchar | 30 |
| date_in | Date In | Date | |

Table Name: Payroll

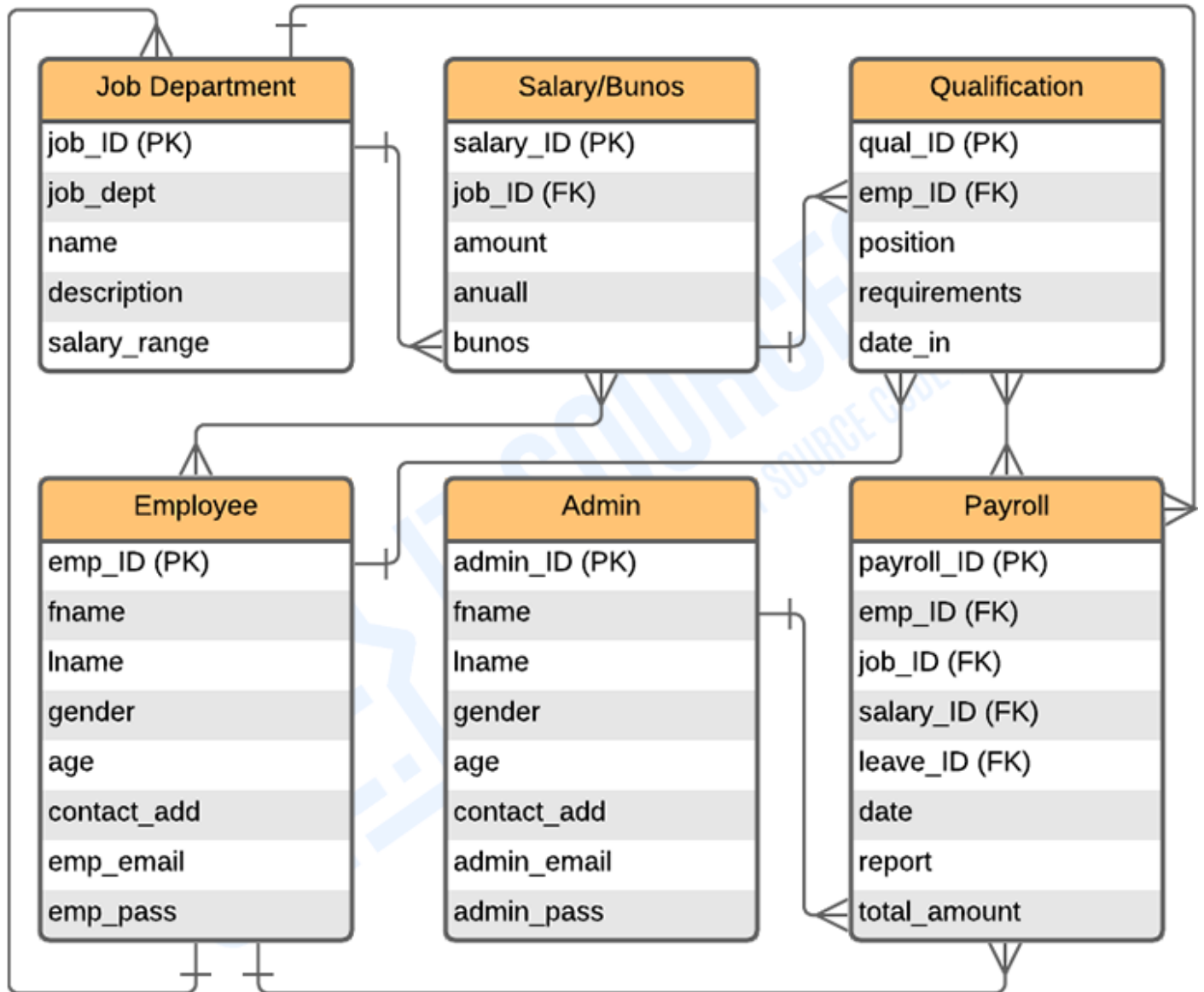
| Field | Description | Type | Length |
|-----------------|------------------------|------|--------|
| payroll_ID (PK) | Payroll ID | Int | 11 |
| emp_ID (FK) | Employee ID | Int | 11 |
| job_ID (FK) | Job ID | Int | 11 |
| salary_ID (FK) | Salary ID | Int | 11 |
| leave_ID (FK) | Leave ID | Int | 11 |
| date | Date of Payroll Report | Date | |
| report | Report | Text | |
| total amount | Total Amount | Int | 11 |

Entity Relationship Diagram for Employee Management System

ER Diagram of Employee Management System shows the system entity relationships in each entity and their supposed functions in each relationship.

Sample ER Diagram for Employee Management System Project

EMPLOYEE MANAGEMENT SYSTEM



ENTITY RELATIONSHIP DIAGRAM