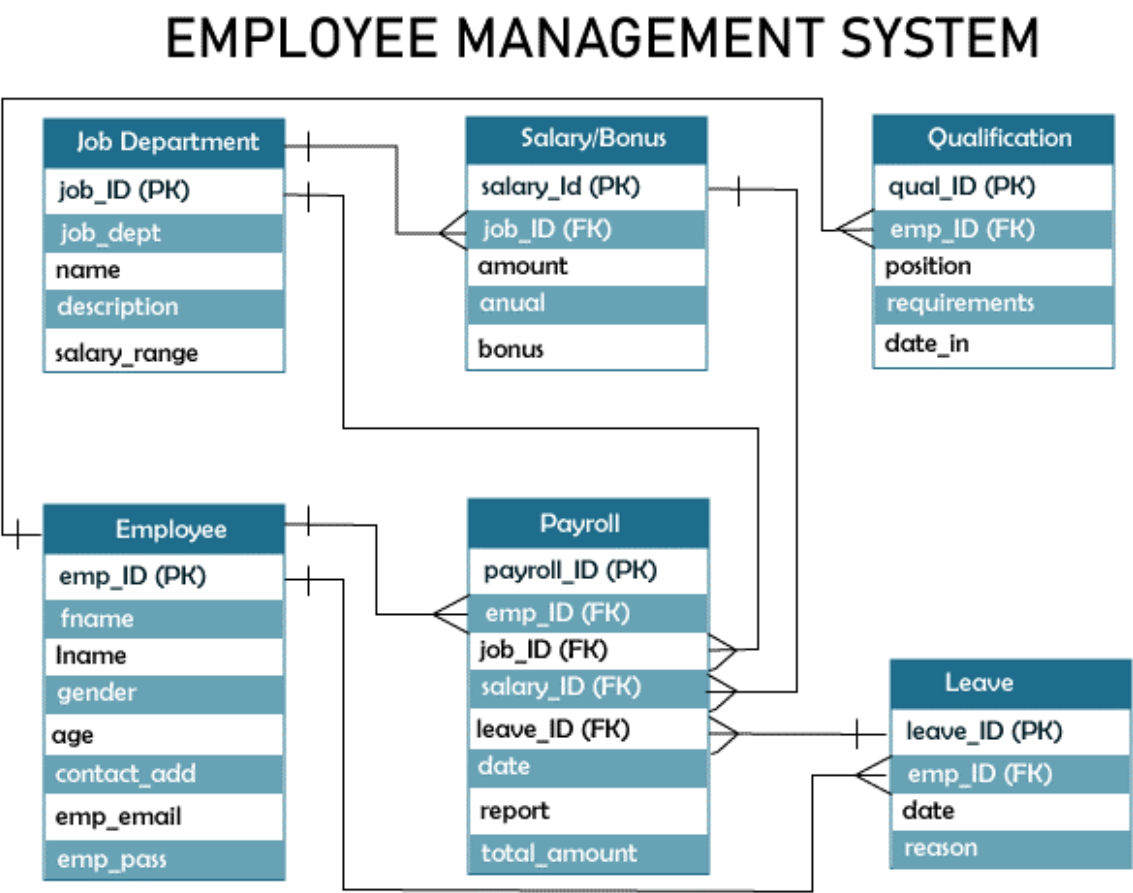


# Database ER Data & Diagram:

## Entity-Relationship (ER) Diagram for Staff Management System:

The ER diagram for the employee management system, the system data, and their attributes. The data and the attributes are represented by the table, and the table shows how they are related to each other.

## Database Design for the Employee Management System:



## Staff Management System ER Tables:

The below table shows all about the field name of the table, description, datatype, and character length. Each table of the ER diagram defines and explains the data storage. The field column lists all the attributes of the database that describes each column. The types table of the database shows what kind of data each attribute is, and the length shows how many characters it has.

Table 1: Employee Table

Field	Description	Type	Length
emp_ID (PK)	Employee ID	Int	11
FirstName	Employee First Name	Varchar	255
LastName	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 2: 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 3: 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 4: Salary 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 5: 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

