

DBMS Mini Project:

Payroll Management System

A payroll management system describes the specialist software that can empower companies by streamlining and automatically carrying out the processes involved in payroll.

Summary:

1. Employee Information

Employee data is very essential in order to maintain a proper record of the employees and their personal information for various purposes like contacting them for inviting for certain summit, feedback of the company from the employee data

2. Maintaining Salary

Very important to keep this data which will help not only the managers and the HR to keep a track of the employee salaries but also help the company or its board to analyse what amount they are spending on a particular employee of a particular company

3. Projects

In order to be successful company should be involved in various projects, so they also need to maintain the record of the salaries each employee is being paid for a particular type of project he/she is working on.

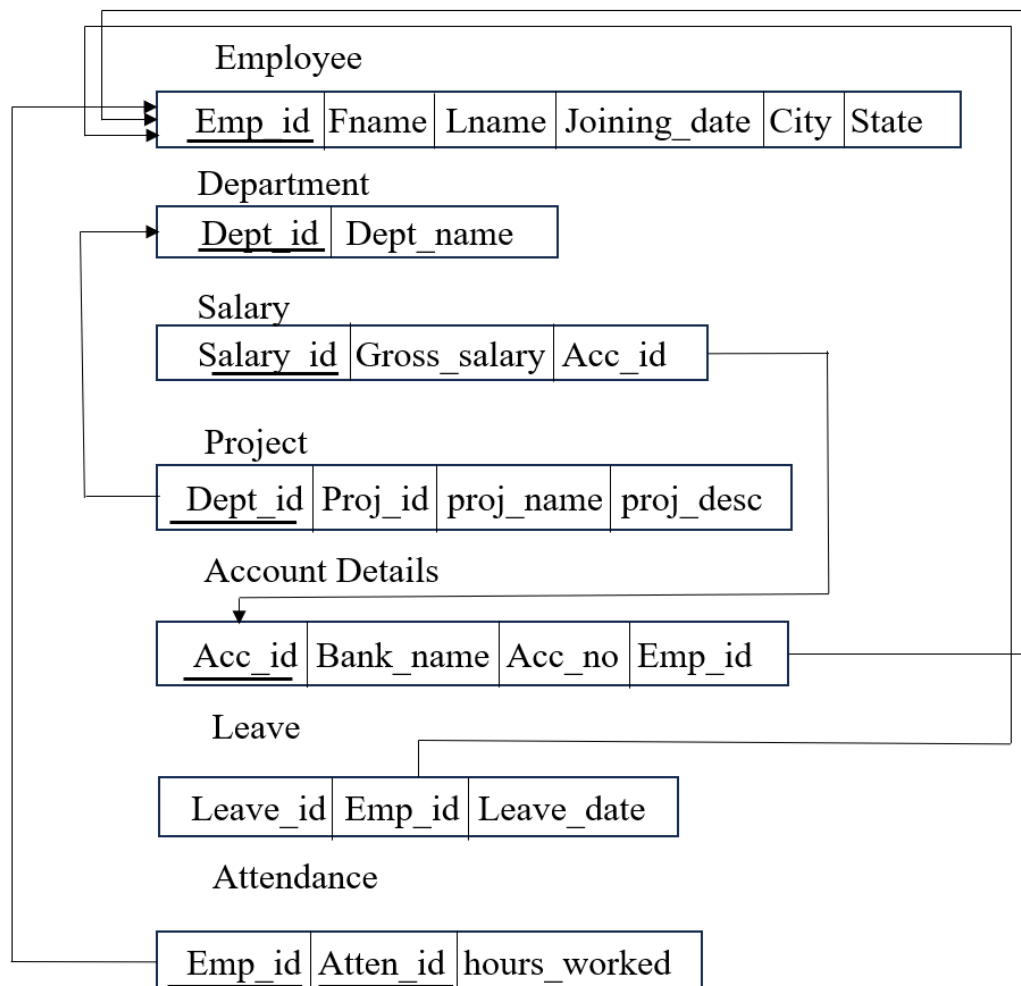
List of Entities:

- Employee
Employee table will include all the personal details of the employee and would be very much cover overall information of that particular employee.
- Salary
Salary Table will cover all the current and previous salaries an employee had or currently has. This table will help a manager/ an HR to analyse which employee has been given promotion on which date or when did his salary grade changed.
- Department
Department Table maintains the data of the all the possible departments an employee can belong to Account Details Account Details Table will maintain the data regarding the accounts which the employee has connected with the company for his/her salary to be credited.
- Attendance
This table includes all the data of the employee attendance which includes the number of hours an employee has worked in a week Project This table includes the data of all the projects a particular company is working on or the projects on which the company is going to work in the future.
- Leave
Leave table keeps the record of the number of leaves an employee takes or has taken over the course of any month or a year.

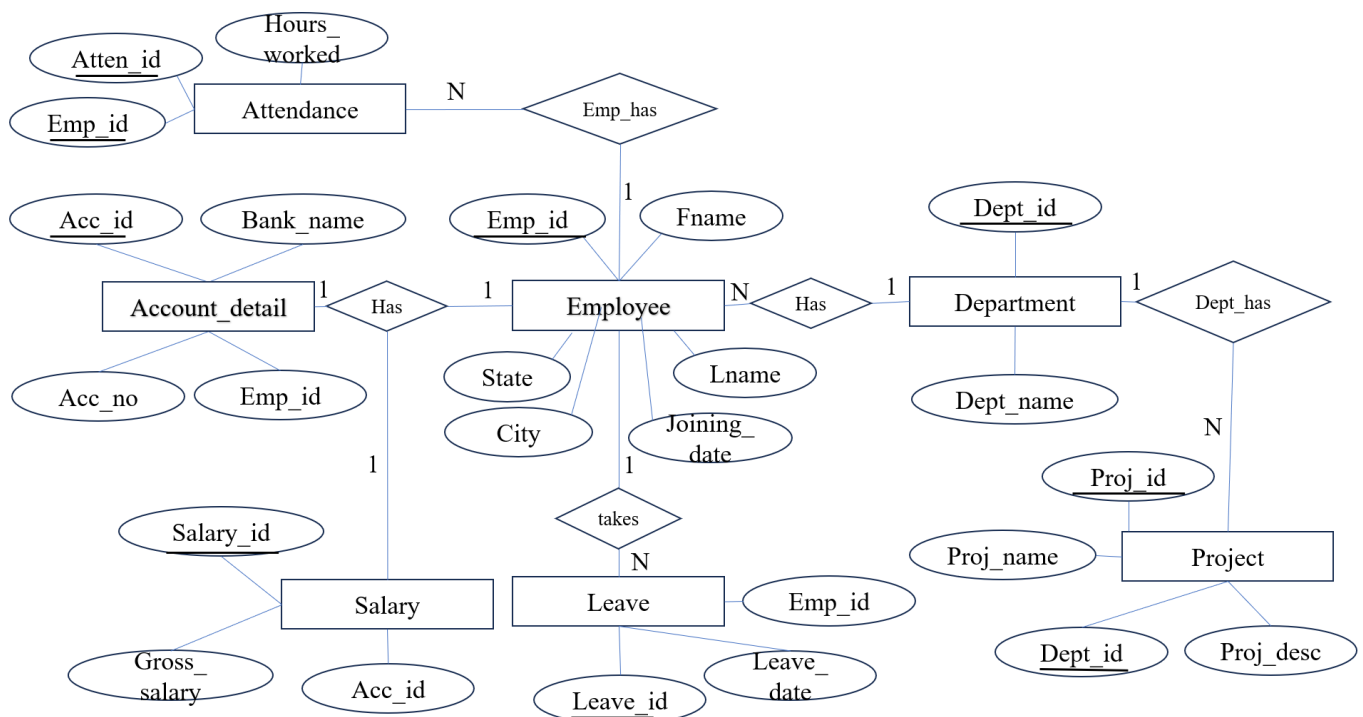
Database Schema

1. Employee (emp_id, Fname, Lname, Joining_date, City, State)
2. Department (Dept_id, Dept_name)
3. Salary (Salary_id, Gross_salary, Acc_id)
4. Project (Dept_id, Proj_id, proj_name, Proj_desc)
5. Account Details (Acc_id, Bank_name, Acc_no, Emp_id)
6. Leave (Leave_id, Emp_id, Leave_date)
7. Attendance (Emp_id, Atten_id, Hours_worked)

Schema Diagram:



ER diagram:



Technology and software used for front-end, backend and connectivity:

Technologies used: HTML, CSS, JavaScript, PHP

Software Used: VS Code, XAMPP

Progress till date (project status):

Front-end: Registration page and login page for manager and connected to database.