

EMPLOYEE MANAGEMENT SYSTEM – SYNOPSIS

TEAM – C9

DBMS Laboratory with Minor Project

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• INTRODUCTION –

The objective of “Employee Management System” is designing a scheduling system for a work center.

Employee Management System is a distributed application, developed to maintain the details of employees working in any organization. It maintains the information about the personal details of employees. This software project has been developed using the powerful coding tools of HTML, CSS and PHP at Front End and SQL Server at Back End.

This project includes a development presentation of an information system for managing the staff data within a small company or organization. This system consists of an application program, on one hand, and a database (repository of data) on the other. Thus, the well-developed application program and database are very important for the reliability, flexibility and functionality of the system. This system will maintain employee information in a database by fully privacy and authority access.

The project is aimed at setting up an employee information system about the status of the employee, the educational background and the work experience in order to help monitor the performance and achievements of the employee through a password protected system.

• MODULES

- ADMIN MODULE -

The admin module is designed mainly to define the job roles that will be assigned to the employees of the company. They will also define the company hierarchy, pay grades based on individual tasks of employees, projects, qualifications etc., As these tasks connect with each other, systematic way to handle these features are in vital need.

The admin module consists of -

- 1) ADD EMPLOYEE - In this section, the admin has access to add a new employee who joins the company, by entering all the required details necessary for future roles.
- 2) VIEW EMPLOYEE - Here, the admin can briefly view the details of each employee like emp id, name, email, gender, contact etc. Also, the admin will have access to options to edit, update and delete any information related to it.
- 3) ASSIGN PROJECT - It is very important in setting up priorities for particular projects to handle in a company. The admin can assign projects or tasks to the employees which fits within the company based on their skills and capabilities.
- 4) PROJECT STATUS – It is always better to keep updated records of the projects and whoever handles the projects. This will help the admin effectively monitor the projects and work progress of each employee.
- 5) SALARY TABLE - This section mainly consists of data related to base salary, bonus and the total salary of each employee.
- 6) EMPLOYEE LEAVE - Here, the admin gets a brief description of employees' leave status, which includes start and end dates and total no. of days that an employee wants to apply for. Also, he/she has access to approve or cancel the requests.

○ **EMPLOYEE MODULE -**

This module is mainly designed to describe the level of enthusiasm and dedication a worker feels towards their job. Engaged employees care about their work and about the performance of the company.

It mainly consists of -

- 1) PROFILE - This portal gives employees the ability to manage their personal data and also to update any required info.
- 2) MY PROJECTS - Here, an individual employee who is assigned with a project can view the details, see the status of his/her work and also the marks allotted by the admin. He/she has an option of submitting after completing his/her assigned task.
- 3) APPLY LEAVE - Every Employee is eligible to apply for a leave for any required dates by mentioning the reason for leave.

This project which includes admin and employee modules has a relation w.r.t salary and employee leave. The admin tries to handle the salary of each employee based on the task assigned to the employee and adds a bonus to his/her base salary based on the marks allotted to the submitted task in the employee portal of an employee. Also, the details of the employee leave in the employee portal is reflected in the admin portal where the admin can approve or cancel the request.

Hence, in this way the admin and the employees of the company manage to have specific, day-to-day operational tasks needed to run a business and that helps drive scalability and the business growth.

● ENTITY RELATIONSHIP DIAGRAM –

