

A

FINAL PROJECT

EMPLOYEE MANAGEMENT SYSTEM

Submitted
By

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CANDIDATE'S DECLARATION

I hereby declare that the final project work being presented in this report entitled "**EMPLOYEE MANAGEMENT SYSTEM**" submitted in the (Edubridge)Capgemini Certified Java Full Stack Developer is the authentic work carried out by me under the guidance of **Mrs.Nisha Jaiswal**, Master Trainer, Training faculty of Edubridge,Pune

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ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my teacher Mrs.Nisha Jaiswal who Gave me the golden opportunity to do this wonderful project on the topic **EMPLOYEE MANAGEMENT SYSTEM**, which also helped me in doing a lot of Research and I came to know about so many new things I am really thankful to them.

Synopsis

1. TITLE OF THE PROJECT : Employee Management System

2. PROJECT CATEGORY : SPRING BOOT PROJECT

3. OBJECTIVE OF THE PROJECT :

This main objective of the system is to computerize the maintenance of the employee details in the company. It also includes the details about the employee's personnel.

4.ABSTRACT OF PROJECT :

5.LEARNING OUTCOMES :

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7.STRUCTURE OF THE PROJECT :

8. LANGUAGE AND SOFTWARE TOOL USED :

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11.ATTRIBUTES OF EMPLOYEE :

12.TEST CASES FOR MODULE:

13.CONCLUSION OF THE PROJECT :

14. FUTURE SCOPE OF THE PROJECT :

OBJECTIVE:

This project is mainly created to digitize and store the employee details in the system.

ABSTRACT

Employee management system is an important system for all companies, industries, government and non-government systems. In this project I try to maintain all records of the employees. In which we can keep records such as, employee id, employee name, employee salary, employee contact number, employee email, employee address etc. in big industries there are a lot of workers or employees are doing work daily, to maintain all the data of each employee is much difficult. If we try to do that manually then there is a lot of wastage of time, money, and extra effort required for this management. Due to the fact that this project is used to maintain all records of employees in this project I try to maintain & store the data of employees using a database management system using SQL concepts. Employee management system is easy to understand and operate. It requires less time to keep all records and also it is free of cost. It is also the best solution to manually keep records of employees. Employee management with the help of DBMS is very helpful.

LEARNING OUTCOMES

The employee management system is an application for maintaining all records of an employee in the employee management system of a respective company or industry.

- 1)THE SYSTEM PROVIDES EASY WAY TO STORED ALL THE RECORDS OF THE EMPLOYEE
- 2)EMPLOYEE MANAGEMENT SYSTEM IS EASY TO UNDERSTAND AND OPERATE.
- 3)IT REQUIRES LESS AMOUNT OF TIME TO KEEP ALL RECORDS AND ALSO IT IS A FREE OF COST. IT IS ALSO A BEST SOLUTION TO MANUALLY KEEP RECORDS OF EMPLOYEES.
- 4)IT DECREASES ALL TYPES OF CONFUSIONS ABOUT RECORDS OF AN EMPLOYEE.

INTRODUCTION

Employee management system is an application that enables users to create and store employee records. This application is helpful to the department of the organization which maintains data of employees related to an organization using SQL concepts. We create the data of employees, maintain it, modify it, insert new data in it etc. DBMS allows multiple users to handle it and establishes a relationship among records and data. In this world of growing technologies everything has been computerized. With a large number of work opportunities the human workforce has increased. Thus there is a need for a system which can handle the data of such a large number of employees in an organization. This project simplifies the task of maintaining records because of its user friendly nature.

STRUCTURE OF THE PROJECT:

5.1. Proposed System:

In the proposed system, the administrator can insert, delete and modify the Employee records as per the requirements. The Employee details can be easily maintained in this system. This project will help to smoothen the process of the company activities.

5.2. Module Description

5.2.1 AddEmp Module:

This is the main module in the proposed project. The administrator can read and write information about any member such as employee, manager and staff of the company. They can also update, create and delete the requirement and implementation plan.

5.2.2. Home Module:

This module contains the employee records. The sub modules are

- It contains details of employees.
- It Contains details of employee salary.
- It also has an action button to specify which action has to be done.

SOFTWARE TOOLS USED :

Software Requirement:

Front End: Thymeleaf

Backend: Java

Framework: SpringBoot

Database: Mysql

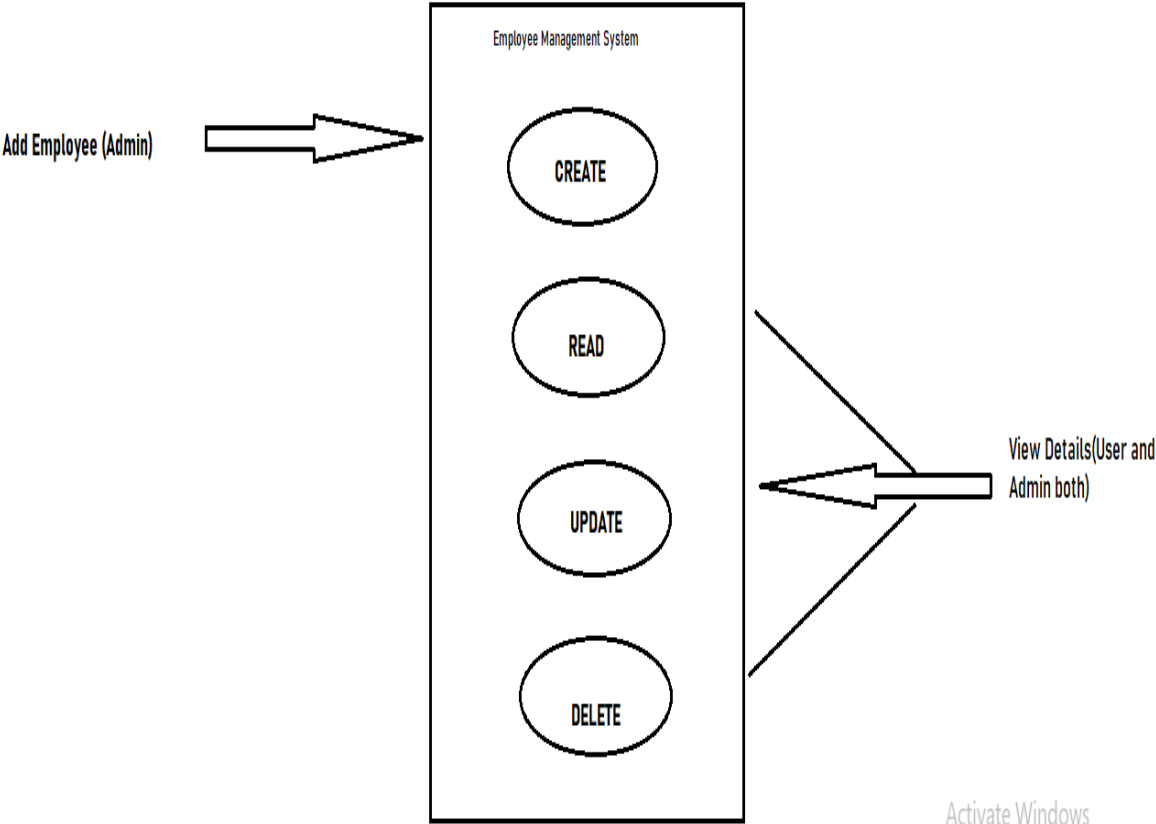
Hardware Requirement:

Operating System: Windows

Hard Disk: 80 GB

RAM: 1 GB

USE CASE DIAGRAM



LIST OF OPERATIONS OPERATED ON DATABASE OF EMPLOYEE :

- 1)Creating Database
- 2)Inserting Values In It
- 3)Delete A Particular Row
- 4)Insert New Column
- 5)Delete The Overall Database

ATTRIBUTES OF EMPLOYEES :

1)EMP_ID,

2)EMP_NAME,

3)EMP_ADDRESS,

4)EMP_EMAIL,

5)EMP_PHONENO,

6)EMP_SALARY,

7)EMP_ACTION.

TEST CASES FOR MODULE :

>> Verify that all the specified fields are present on the registration page.

>>Check after adding all employee details it shows a message of successfully adding details.

>>Verify after deleting any row or employee details from the table it has to be shown some message.

>>Verify that clicking the submit button after entering all the required fields, submits the data to the server.

CONCLUSION OF THE PROJECT

Since this project has been designed exclusively as a project, certain complexities that are faced by any real life manual problem like total no. Of employees, address redundancy etc. Are considered in this project. But enhancement to the project can easily be made without changing the current design and programming structure. Using this project we save all the information safely for long years without any loss. Before this employee management system was introduced the management of employees are kept manually so for that purpose a lot of people are required to keep all records of employees, this was a very lendi process so overcome from this process now we all are using this employee management system using programming.

FUTURE SCOPE OF THE PROJECT

This project will enhance the employee and the company to serve more quickly and efficiently. This software is developed in order to computerize the activities which take more time, if done manually.

Employee billing systems will enable the employee and company staff to make things faster and can get information quickly. If we want any information about an employee, we can access it quickly.