



# Employee Management System

for Java Full Stack Project  
Under the Guidance of  
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Presentation by

**Presented by**

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# Introduction

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The employee management system is a modern technique to manage the employees' information. It gives the complete information about the employee to the management and also it helps in maintaining the complete organization-related information. The entire organization can be the employee management system in a better way. When you maintain all of your employees' information with this application, it will help in your business development in a better way. Also, it will help in the employee's performance. The Employee Management system helps to maintain the entire organization in a better way. The application maintains a link between the employees. Also, the management which helps in the business development.

The employee management system has many options for the users. So, the employees can access the information of the employees from anywhere and this is one of the benefits of using this application. The Employee Management System works on an online server, so it can store all of your employees' information without any issues and will help you to manage the employees' information easily. Also, it manages the complete company information without any issues.

An employee management system is user-friendly software and easy to use for all users without any issues. So, you will be able to use this application in a better way.

# Objectives

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- This project aims to simplify the task of maintaining records of the employee of company.
- To develop an well designed database to store employee information.
- Provides full functional reports to management of company.
- “A continuous process that seeks to identify, measure and develop the **performance** of the workforce periodically”  
There is a fair chance that the organizational performance report has not met the expected level. Also, the existing performance management system is not enough to elevate employee performance.
- Setting and defining goals to fulfill organizational objectives
- Setting the right expectations for each employee – managers and employees
- Setting **Performance** Standards and metrics to measure
- Establishing effective communication channel between managers and sub-ordinate
- Determining training plan.
- Review the process periodically.



# Proposed System

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- The proposed system is internet based system so employee can also participate in this system and track their status.
- Proposed system This Employee Management System project will help the organization with the management of the information of the employees. The system will centralize the management system and will provide different options through access to data will become accessible.
- The system will be based on the internet so that any user can use it from any place with ease. The Employee Management System software will make a report of each employee of the organization at the end of the month so that the organization will have information about the work of each employee. This Employee Management System will not only reduce the time but as well it will make the system efficient.

# Existing System

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- In the present Employee Management System of data management, some person maintains the data manually, which required a high amount of time as there are so many people work in the organization. The organization keeps the record of all the employees in the paper which is not a secure way of maintaining the data. As there is a high amount of register in which information is stored consume a lot of space in the organization while retrieving any information from that many files consume huge time and it is not an easy process.
- The records are maintained in registers.
- Time consuming process.
- Complicated searching, editing and updating.



## Scope of Project

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- **Employee Profiles:** Employee will have access to their personal profiles and will be able to edit their details.
- **Leave Application:** Complete elimination of paperwork in leave management by enabling an employee apply for leave as well as check their leave status through the system.
- **Project and Task Management:** Assign tasks and projects to employee, assign a project team and keep track of the progress.
- **Recruitment process:** The admin will add an employee and a employee ID will be generated and sent to the new employees email. The HR manager will then have the ability to add an employee information to the database.

# Implementation tools

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## ➤ Backend Technologies:

- SpringBoot
- Json
- MySQL

## ➤ Frontend Technologies:

- Spring MVC
- BootStrap
- CSS
- HTML5
- JS



# Screenshots: add employee and Employee list

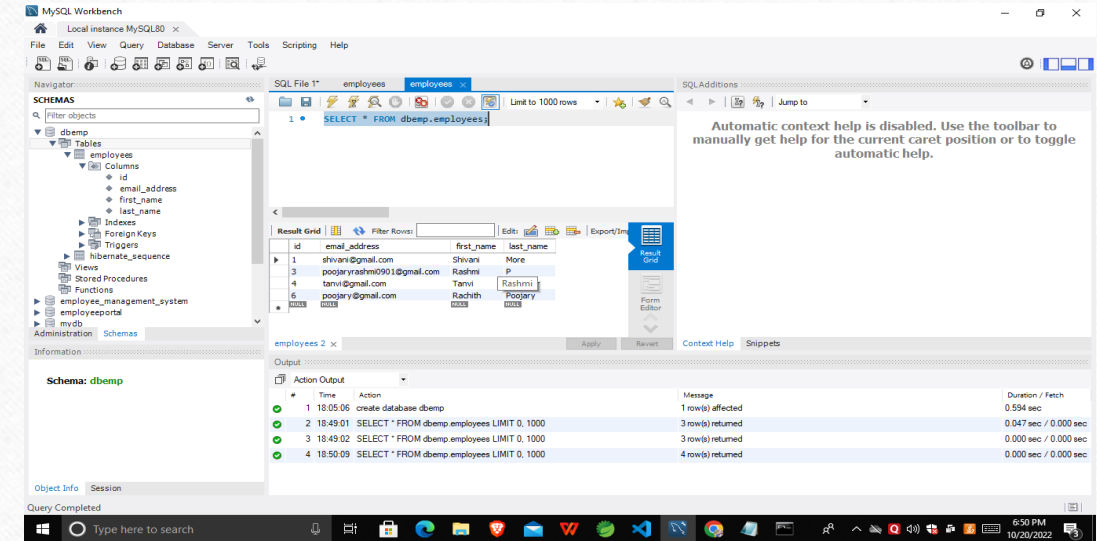
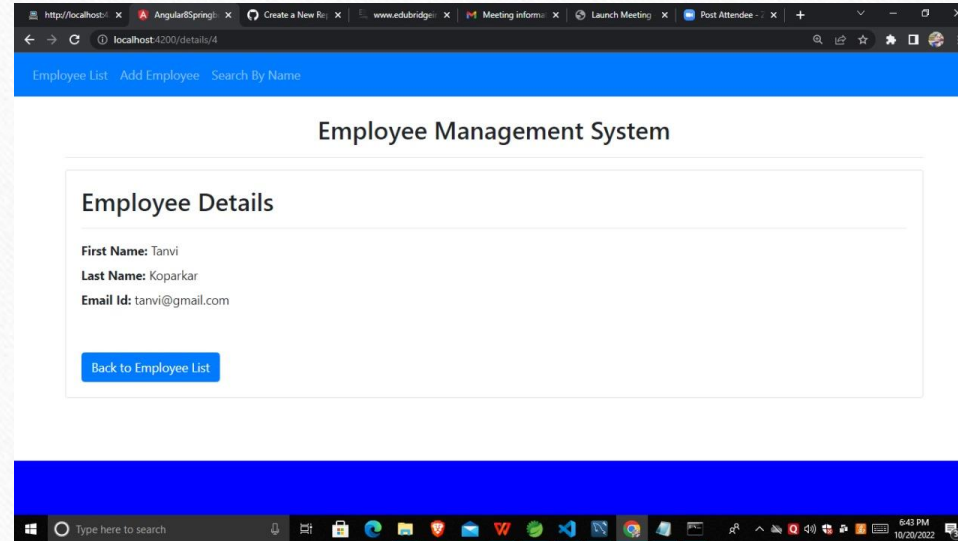
The screenshot shows a web browser window with the URL `localhost:4200/update/3`. The page has a blue header with navigation links: "Employee List", "Add Employee", and "Search By Name". The main content area is titled "Employee Management System" and contains a form titled "Update Employee". The form has three input fields: "First Name" with the value "Rashmi", "Last Name" with the value "P", and "Email Id" with the value "poojaryrashmi0901@gmail.com". A green "Submit" button is at the bottom of the form. The browser's taskbar at the bottom shows the time as 6:43 PM on 10/20/2022.

Employee Management System			
<b>Update Employee</b>			
First Name	<input type="text" value="Rashmi"/>		
Last Name	<input type="text" value="P"/>		
Email Id	<input type="text" value="poojaryrashmi0901@gmail.com"/>		
<input type="button" value="Submit"/>			

The screenshot shows a web browser window with the URL `localhost:4200/employees`. The page has a blue header with navigation links: "Employee List", "Add Employee", and "Search By Name". The main content area is titled "Employee Management System" and contains a table titled "Employee List". The table has four columns: "Firstname", "Lastname", "Email", and "Actions". It lists three employees: Shivani, Rashmi, and Tanvi. Each row has three buttons: "Delete" (red), "Update" (teal), and "Details" (teal). The browser's taskbar at the bottom shows the time as 6:44 PM on 10/20/2022.

Employee Management System			
Employee List			
Firstname	Lastname	Email	Actions
Shivani	More	shivani@gmail.com	<input type="button" value="Delete"/> <input type="button" value="Update"/> <input type="button" value="Details"/>
Rashmi	P	poojaryrashmi0901@gmail.com	<input type="button" value="Delete"/> <input type="button" value="Update"/> <input type="button" value="Details"/>
Tanvi	Koparkar	tanvi@gmail.com	<input type="button" value="Delete"/> <input type="button" value="Update"/> <input type="button" value="Details"/>

# Employee details and Database





## Application of Project

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- Provide Computerized system for maintaining records.
- More efficient and reliable.
- Less time consuming and easy to use.
- Hugs data storage with less computer memory.
- Avoid human errors and efforts for maintaining daily data.
- Also avoids data inconsistency and redundancy.

## Conclusion

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The Results were discussed, problems faced and limitation were elaborated. Future Recommendations for the extension and improvement of the system have also been discussed as well as an assessment of achieved functionality.

The software product produced was fairly good, IT achieved most of the user requirement. The user interface is good and is very easy to navigate and even novice users can find their way around the web application .