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Employee Management System

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Introduction:

Employee Management System Project in ReactJS and Spring Boot Full Stack Project. It helps us to provide Employee's basic information. Information includes first name, last name and email.

The Project employee can perform operations such as add employee, update employee's information, delete the employee's information and also able to view details of employees.

Frontend Technologies Used:

- React JS
- Vite JS
- Bootstrap CSS
- JavaScript
- NPM
- Axios

Backend Technologies Used:

- Spring boot
- Spring Security
- JSON Web Token
- Spring Data JPA
- MySQL

- Maven
- Postman Client

Software Used in Employee Management System:

- **STS (Spring Tool Suite):**
  For developing our backend, employee management system project using Spring Boot, we have used STS (Spring Tool Suite)

- **VS Code (Visual Studio Code):**
  For developing our frontend, employee management system project using react js, we have used VS Code (Visual Studio Code).

- **MySQL Workbench:**
  For efficient querying and manipulation of our Project's information, we have used MySQL Workbench.

- **Postman Client:**
  For sending HTTP Requests, setting parameters and viewing responses, we have used Postman Client to test the API's.

CRUD Features:

- Create Employee
- List Employee
- Update Employee
- Delete Employee
- View Employee

Functional Modules:

1] Create Employee

Create Employee functionality can create Employee. This feature is basically used for new Employee.

2] List Employee

List of Employees can show list of employees available in system.

3] Update Employee

Update Employee can update the information of Employee. If there is any kind of mistake occurred, then we can update it easily.

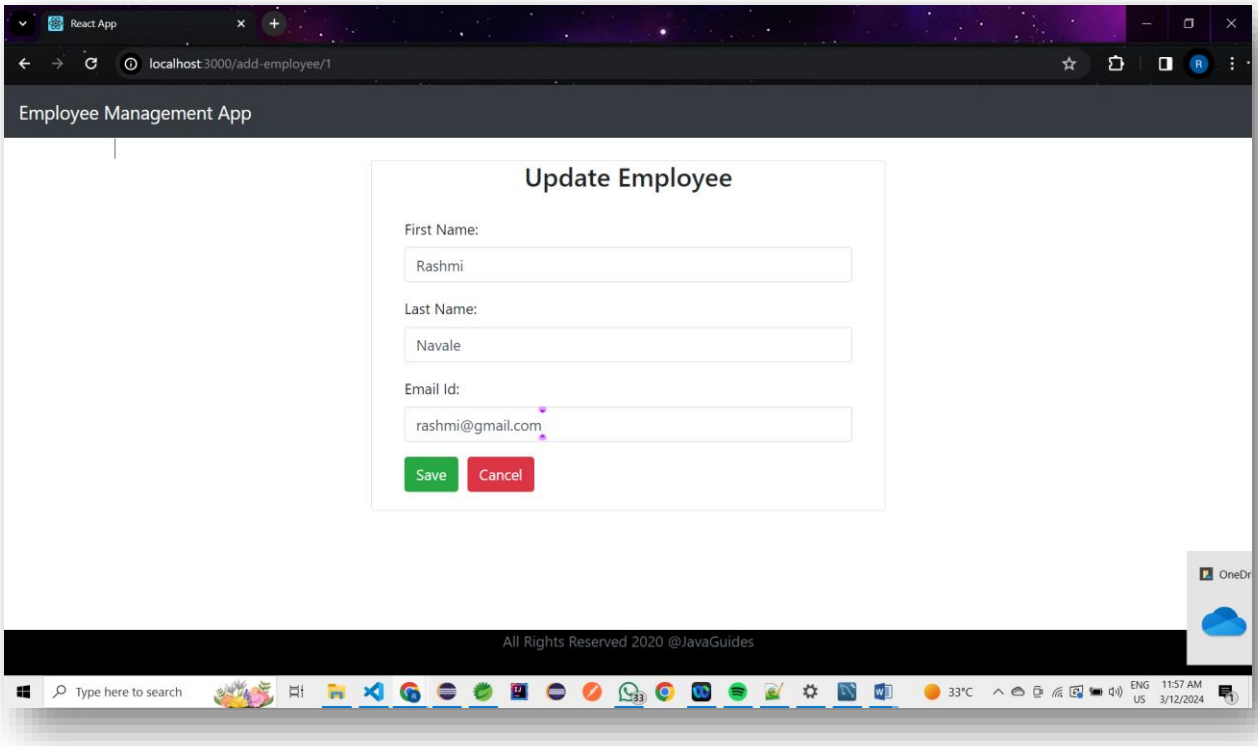
4] Delete Employee

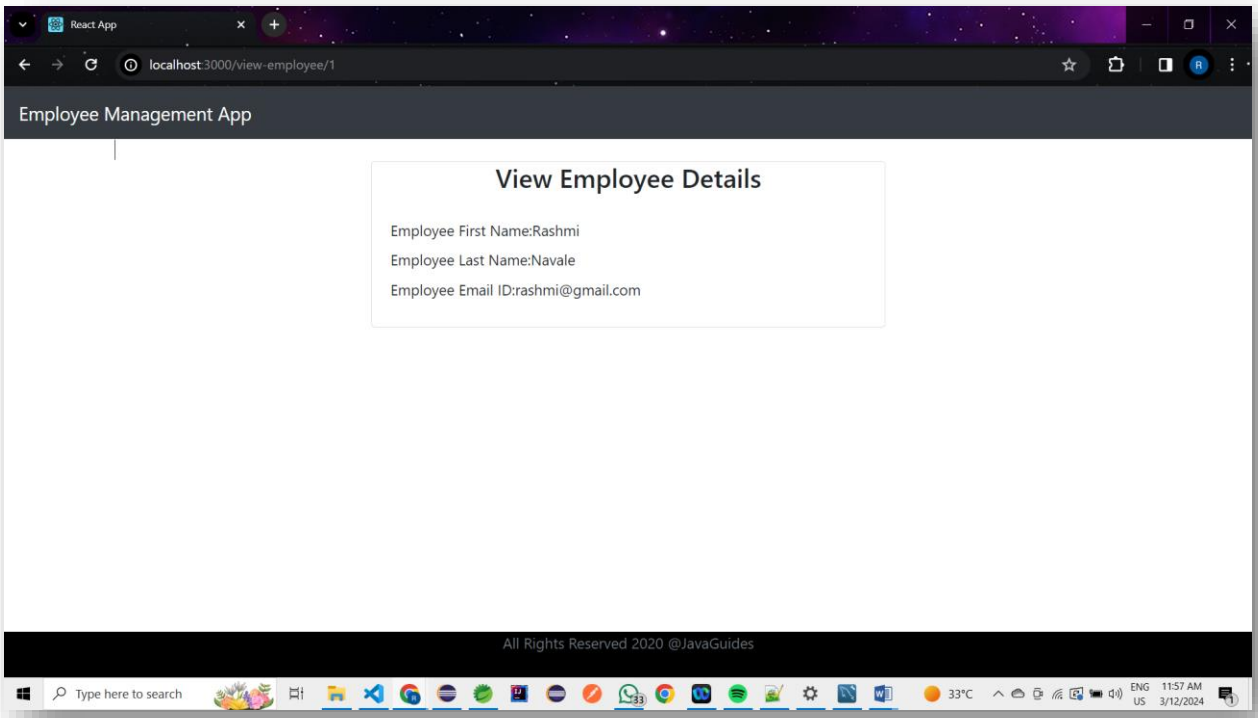
Delete Employee can delete the employee details from System.

5] View Employee

View Employee can show employee complete details by providing his/her name and email address.

Screenshots:




React App
localhost:3000/view-employee/1
Employee Management App
View Employee Details
Employee First Name:Rashmi
Employee Last Name:Navale
Employee Email ID:rashmi@gmail.com
All Rights Reserved 2020 @JavaGuides
Type here to search
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ENG
US
11:57 AM
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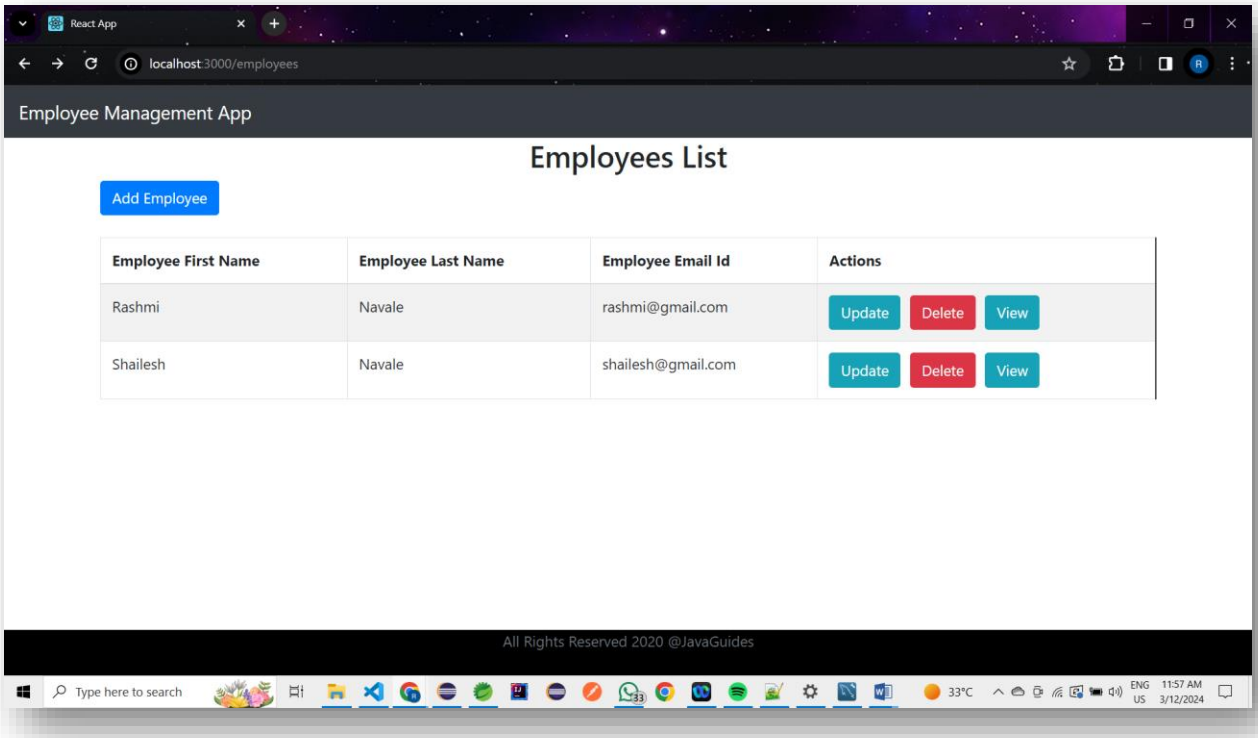
React App
localhost:3000/employees
Employee Management App
Employees List
Add Employee
Employee First Name
Employee Last Name
Employee Email Id
Actions
Rashmi
Navale
rashmi@gmail.com
Update
Delete
View
Shailesh
Navale
shailesh@gmail.com
Update
Delete
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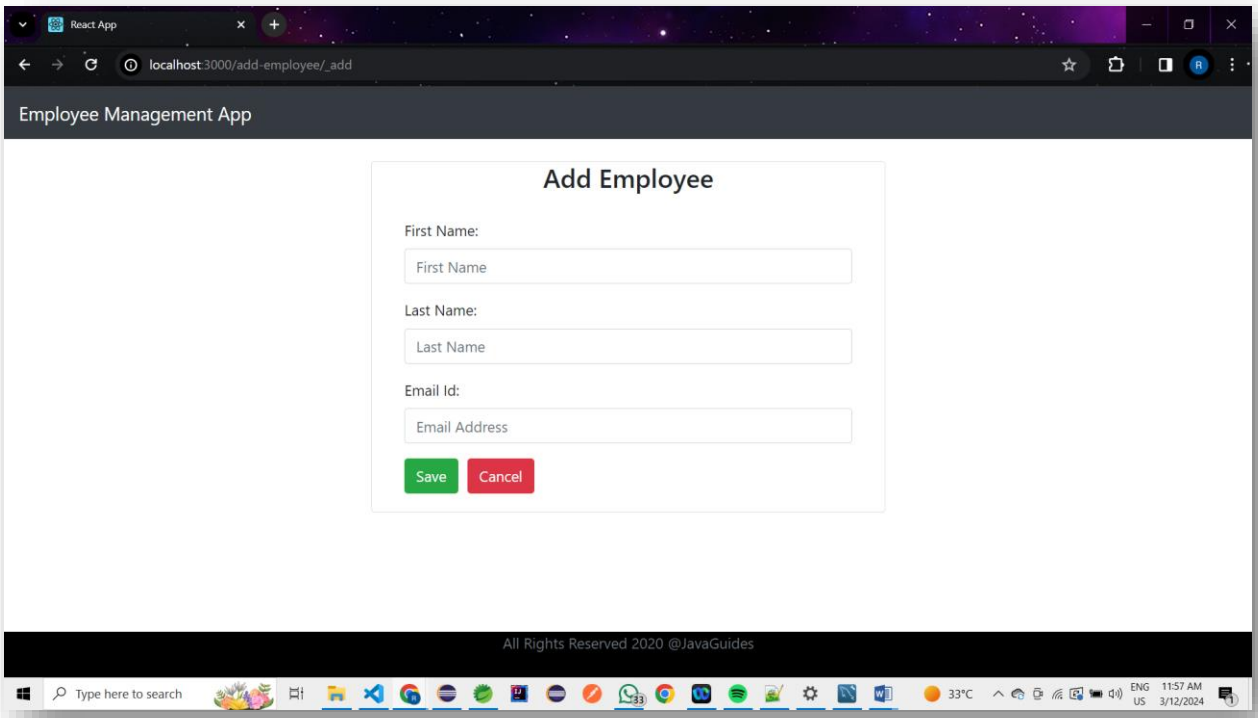

Overview:

The Employee Management System Project using React JS and Spring Boot is a 2-module project where Administrator can add the employee to the employee management system. After adding the tasks to the system, and now Admin will update the employee if necessary. He can delete the employee as well if it's not necessary.

Once a user log in to the system, and he will be able to see the Task which is available to him by the admin. If any new Customer comes then the he can register into the system.

Now, Once the task or Project is available to the User by the Admin, that User will be able to see all the tasks. So now after completion of the task, User can update the task status at any time.

And at the end, Admin will be able to see all the task functionalities in the admin dashboard.