FULL-STACK PROJECT

EMPLOYEE MANAGEMENT SYSTEM

USING REACT, SPRING BOOT AND MySQL

Prepared by

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PROJECT DESCRIPTION:

- This is a small full-stack application that simulates the Employee Management System allowing the use to add/edit/delete data to the system.
- The application also allows the user to view the list of employees and make changes to the data dynamically without involving direct database access to the user.

TECHNOLOGY STACK USED:

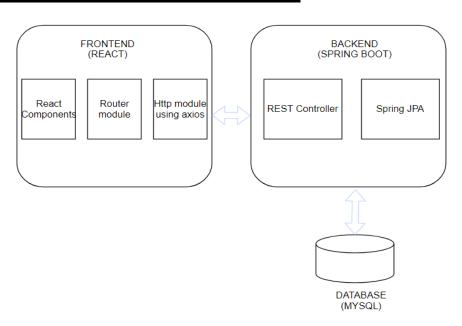
Front-end: React.js, HTML,CSS and Bootstrap

Back-end: Spring Boot

Database: MySQL

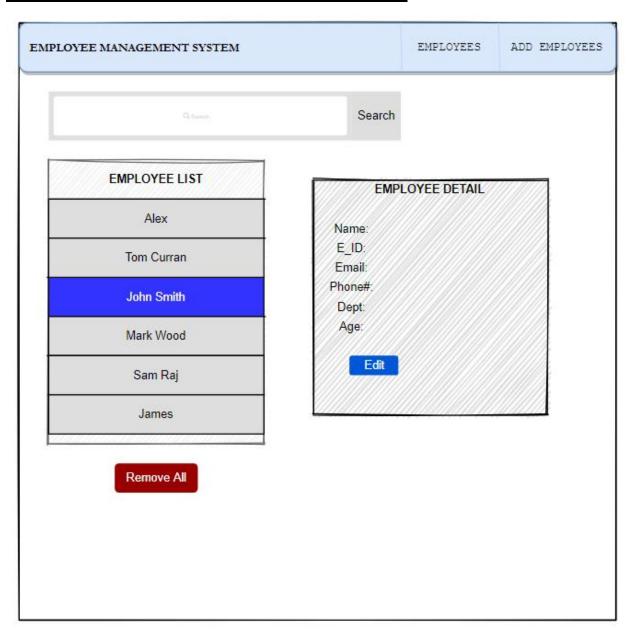
Other Tools used: Postman, Spring tool suite and Visual Studio Code

PROJECT ARCHITECTURE:



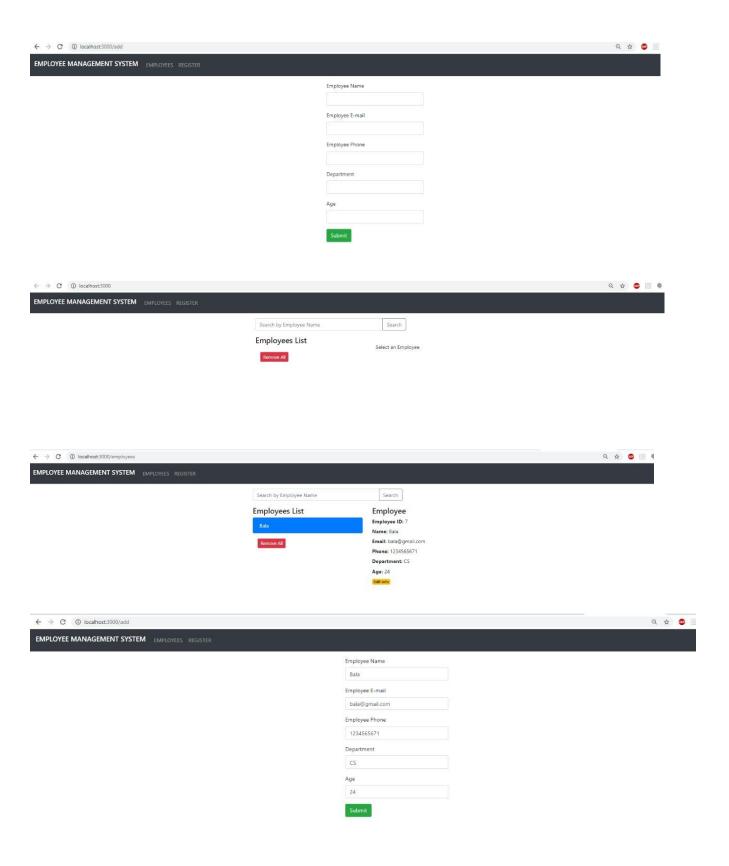
FRONT END

USER INTERFACE WIREFRAMING



EMPLOYEE LIST			
E_ID:			
Name:			
Email:			
Phone#:			
Dept#			
Age			
Save	Update	Remove	
Statu	s: Employee added registered succ	cessfully.	

SAMPE UIs



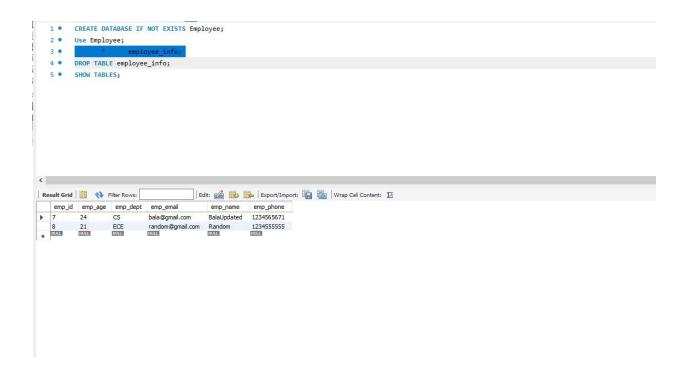
Database

Used one table to store the employee details.

The database contains the following fields:

- 1. Emp_id (Primary key)
- 2. Emp_age
- 3. Emp_dept
- 4. Emp_email
- 5. Emp_name
- 6. Emp_phone

Note: Emp_id is auto-generated in the backend every time for whenever a new employee is registered.



Backend

