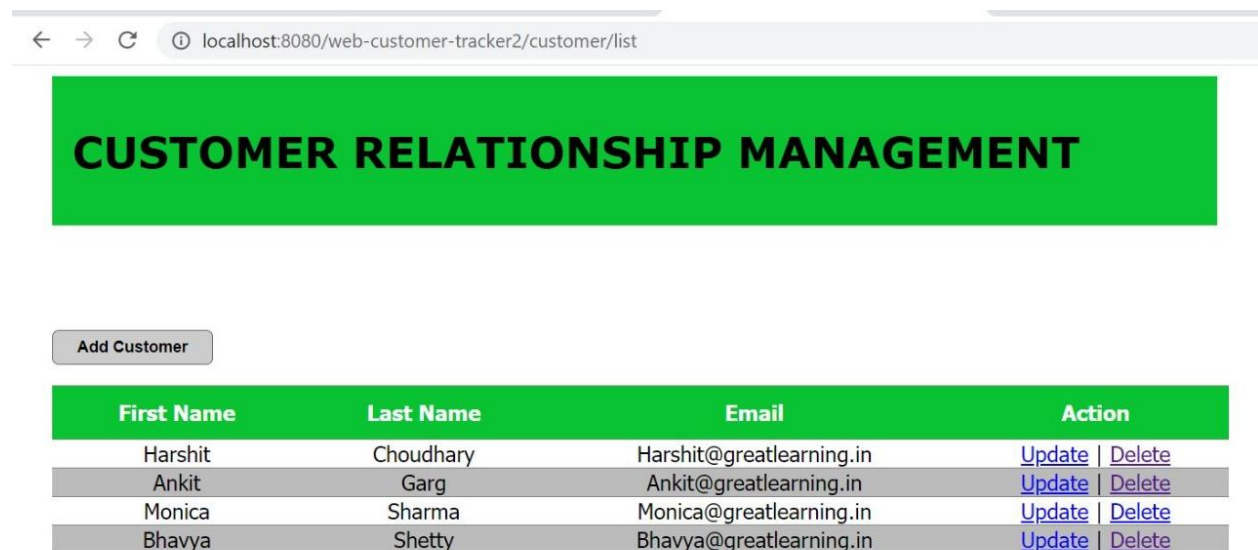**Question**

You are required to create a **Customer Relationship Management** web application, where you will be developing CRUD(Create Read Update Delete) functionality.

Note the following points while developing the application

→ The main page will display all the customers present in the database.
→ Customers will have following attributes
    a) First Name
    b) Last Name
    c) Email

The above is a sample template of the main page.

→ You are required to provide action buttons(**update** and **delete**)
→ There should be an **add customer** button that will redirect to a new page which will consist of a form to add the customer details.

CUSTOMER RELATIONSHIP MANAGEMENT

Save Customer

First Name: Pranav

Last Name: S

Email: pranav @gmail.com

Save

Back to List

Upon Click **Add Customer** button user will be redirected to a new form page, wherein the user will enter details and save.

CUSTOMER RELATIONSHIP MANAGEMENT

Add Customer

First Name	Last Name	Email	Action
Harshit	Choudhary	Harshit@gmail.com	Update | Delete
Ankit	Garg	Ankit@greatlearning.in	Update | Delete
Pranav	S	pranav @gmail.com	Update | Delete
Monica	Sharma	Monica@greatlearning.in	Update | Delete
Bhavya	Shetty	Bhavya@greatlearning.in	Update | Delete

Updated list of customers after adding a new customer Pranav S.

→ Upon clicking the update button the user should be redirected to a new page which will consist of the form same as save page with pre populated data, after updating the details, upon click on save button, new data should persist in the database.

Updating the email address for customer Harshit Choudhary and saving it with address gmail.com

Updated value of Customer Harshit Choudhary with email address ending with gmail.com, also upon clicking the delete button, a pop up is generated.

→ Upon clicking on the delete button , the customer entry should get deleted from the database

Updated list of employees upon deleting customer Harshit Choudhary

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Important instructions

i) You can use any RDBMS (eg, MySql, H2,...)

ii) Provide Screenshots of the operations along with code submission. (note → Screenshots will one of the criterias while grading)

iii) You can also record your screen while demonstrating CRUD operation, upload on the drive and share the drive link along with code.

iv) Spring Application must follow the standard project structure

v) Code should follow naming conventions along with proper indentations.

vi) You are free to choose any color combination & UI Design (including text, buttons, icons)