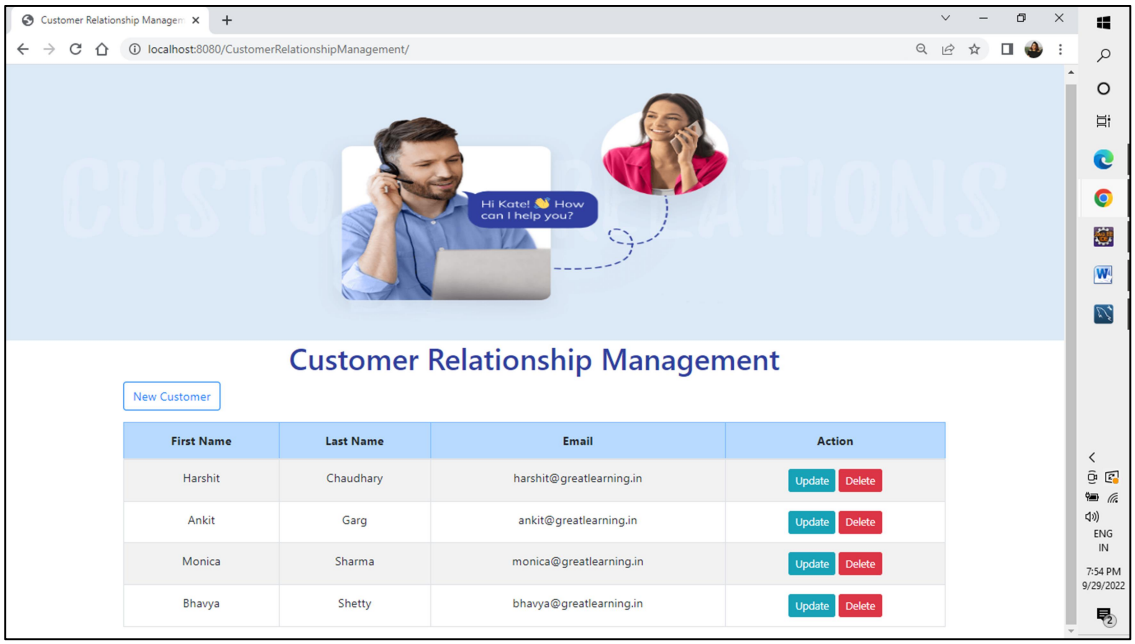
ORM and Spring MVC Assignment

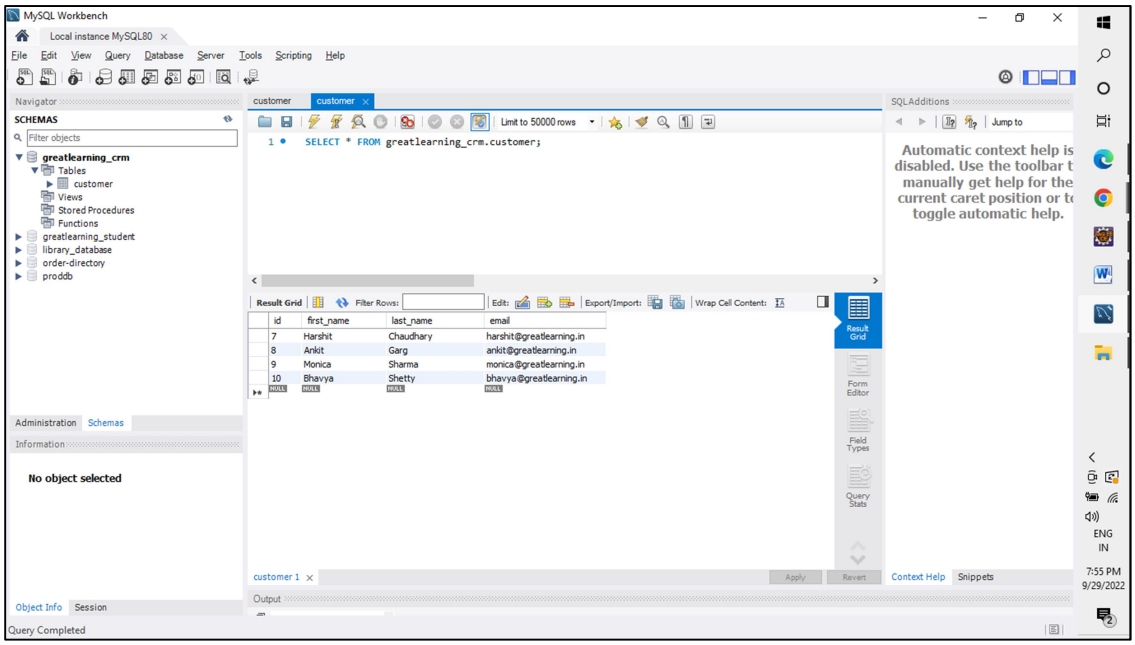
Requirement: You are required to create a Customer Relationship Management web application, where you will be developing CRUD(Create Read Update Delete) functionality.

1) Database Query To Create Table:

```
CREATE TABLE `greatlearning_crm`.`customer` (
  `id` INT NOT NULL AUTO_INCREMENT,
  `first_name` VARCHAR(45) NOT NULL,
  `last_name` VARCHAR(45) NOT NULL,
  `email` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE INDEX `id_UNIQUE` (`id` ASC) VISIBLE);
```

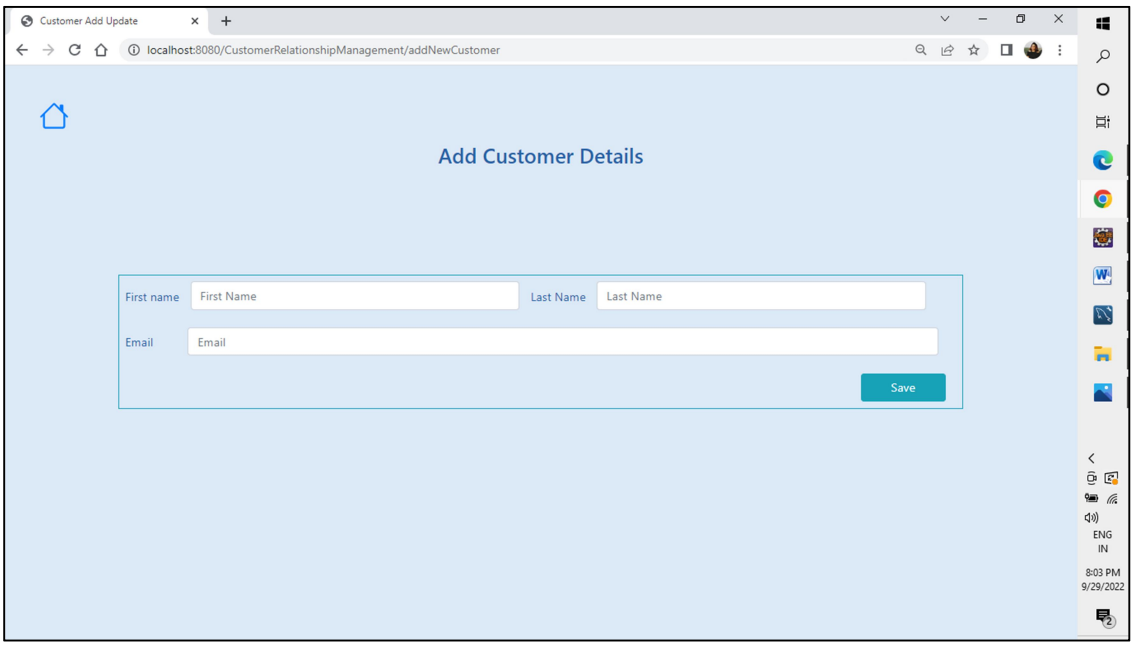
2) The main page will display all the customers present in the database:

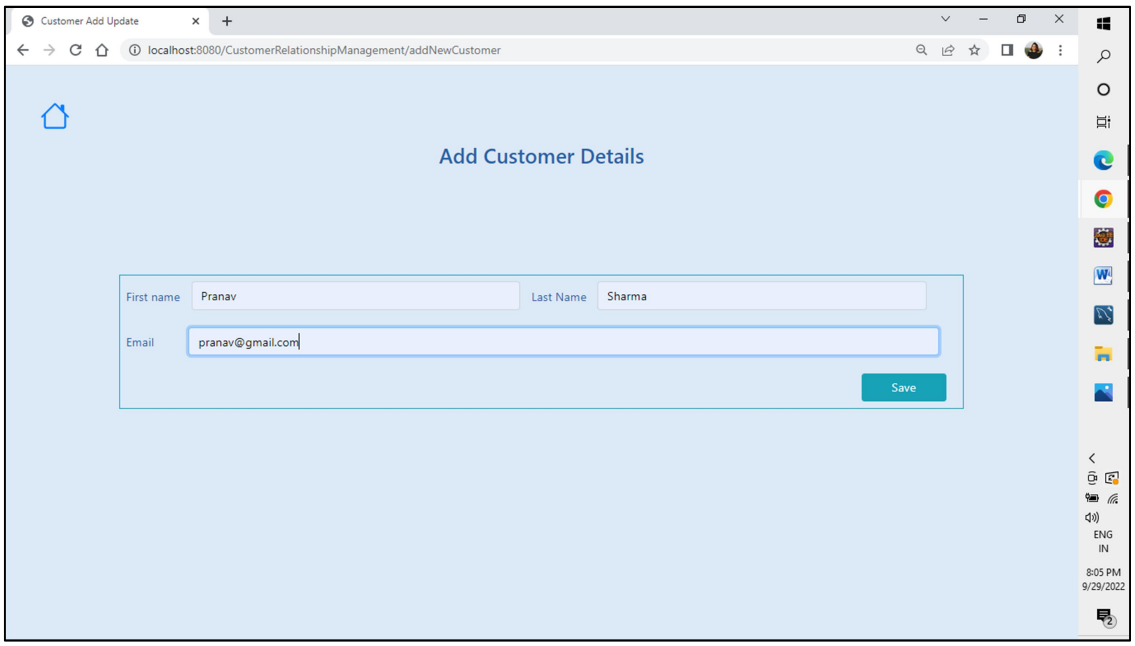


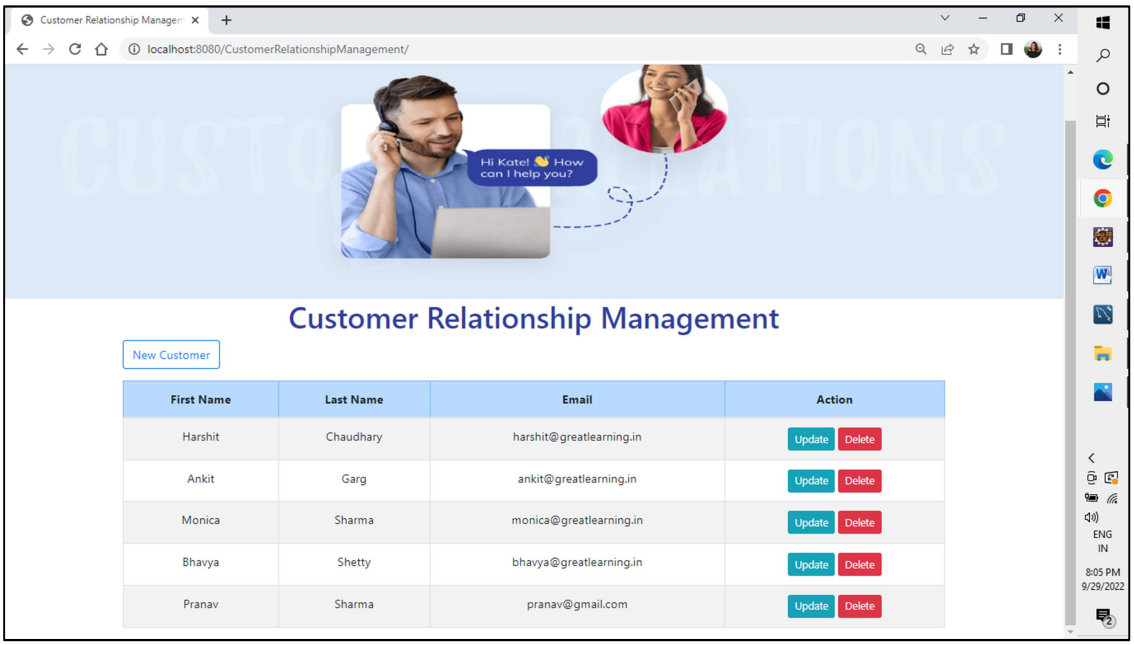


3) You are required to provide action buttons(update and delete)
4) There should be an add customer button that will redirect to a new page which will consist of a form to add the customer details.

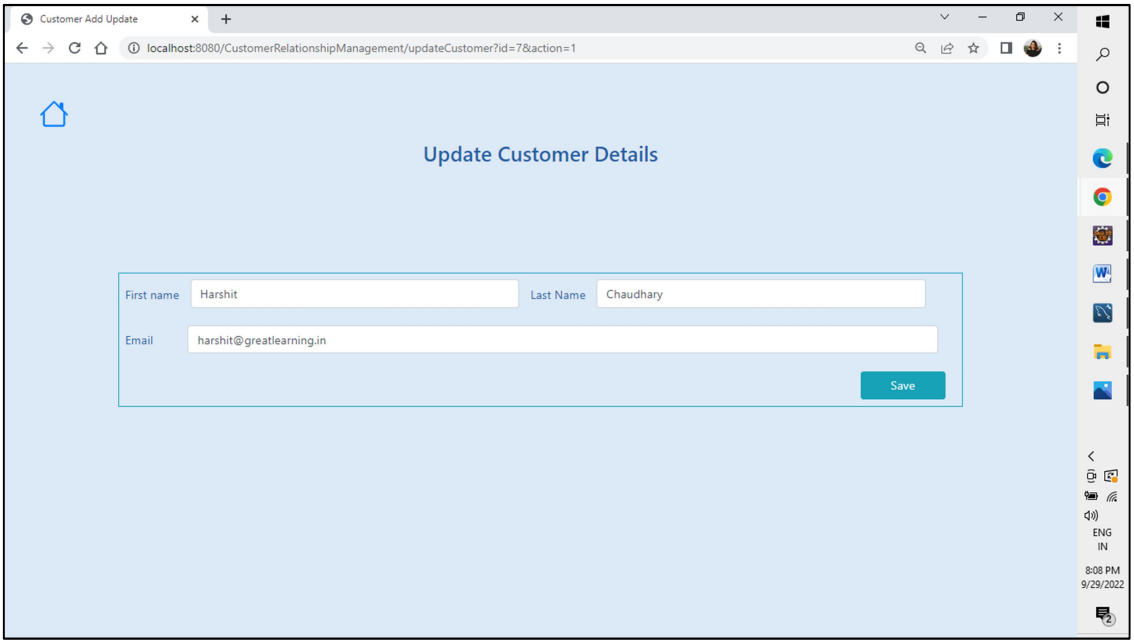
5) Upon Click Add Customer button user will be redirected to a new form page, wherein the user will enter details and save.

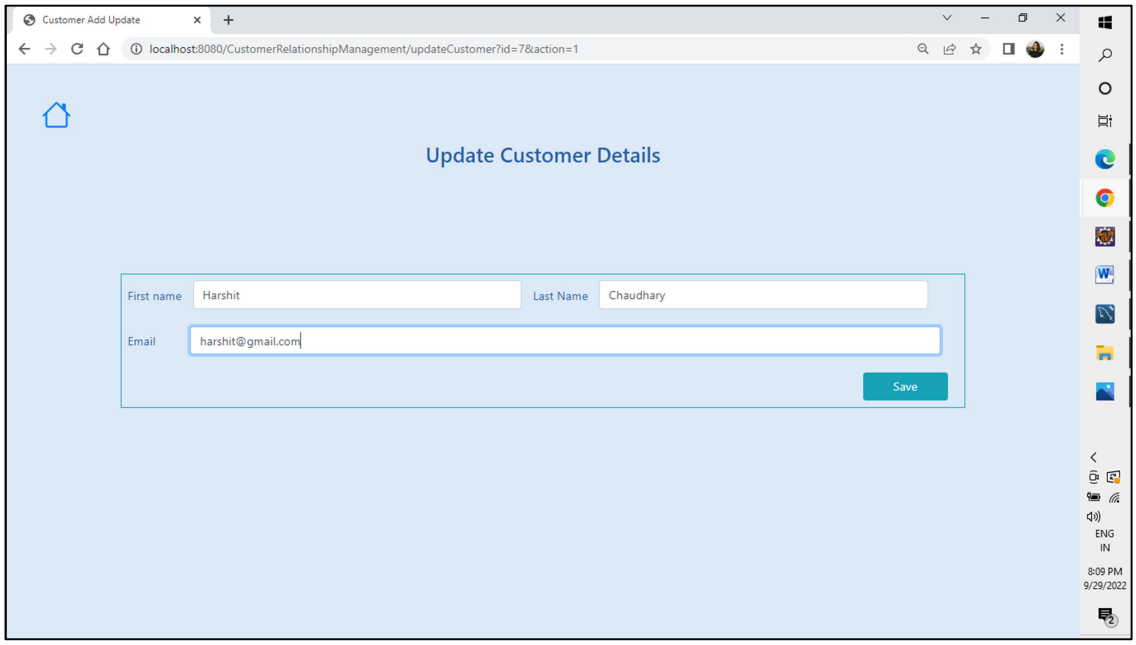


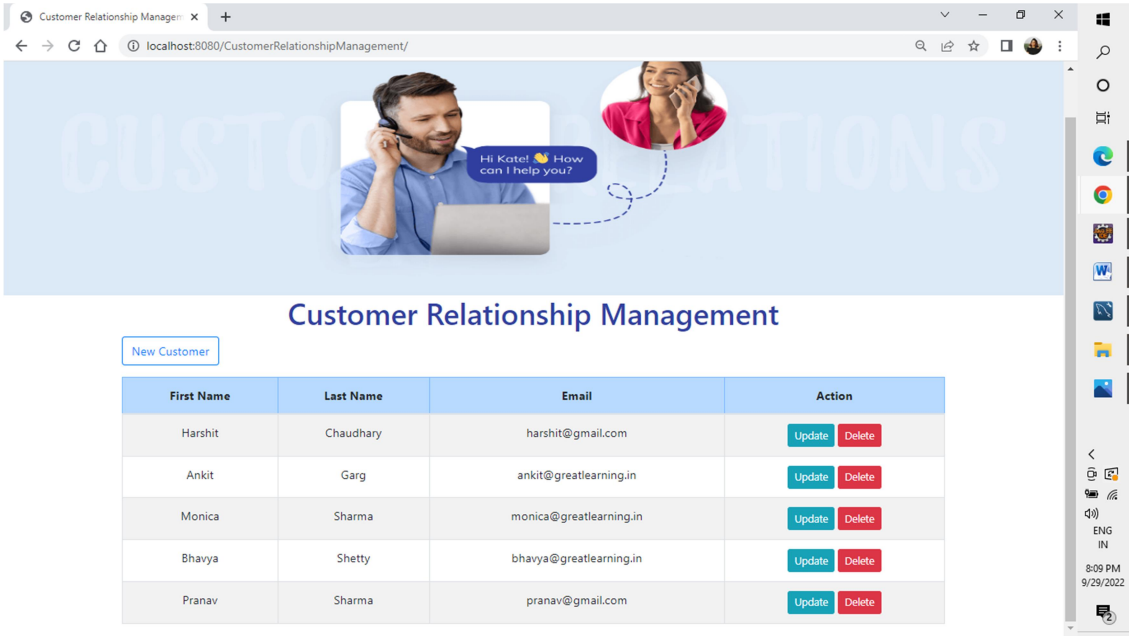
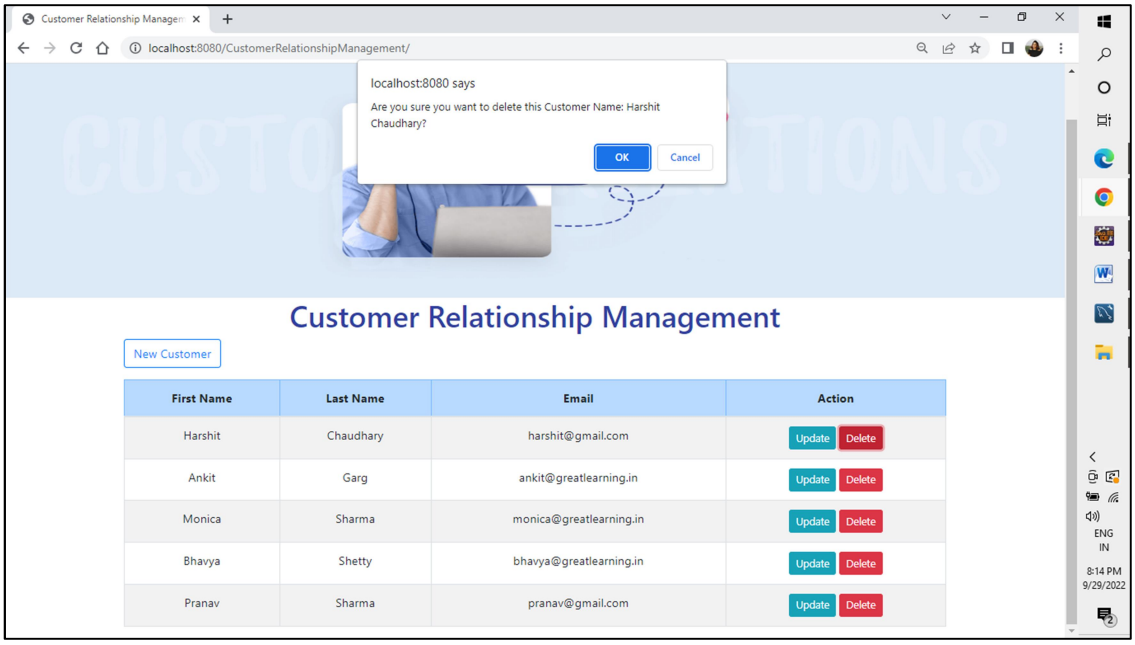
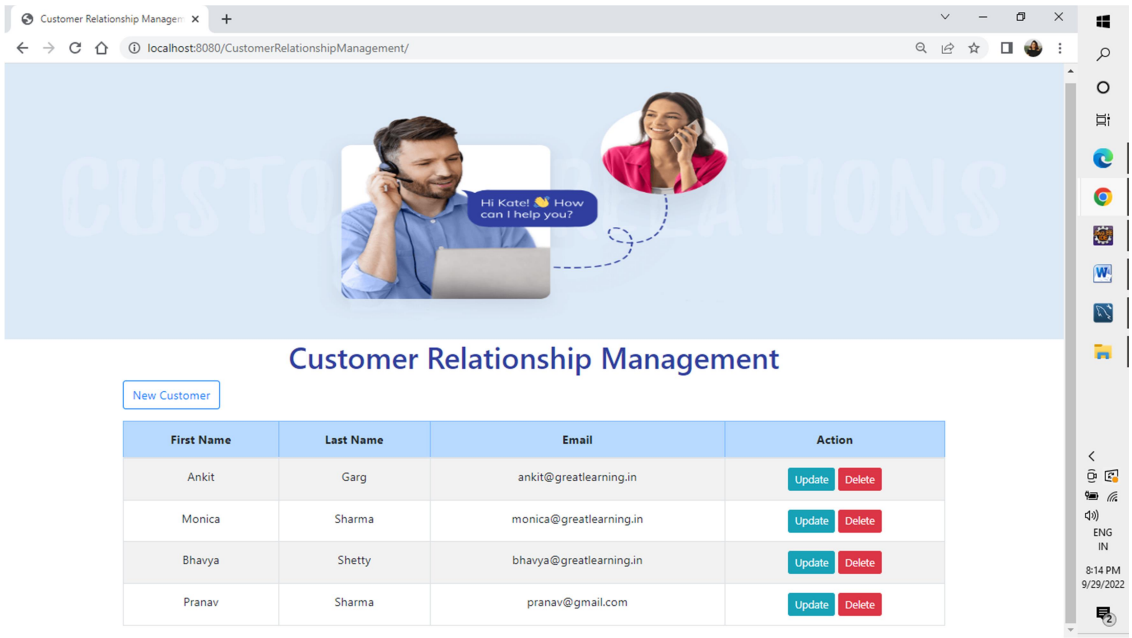




6) Upon clicking the update button the user should be redirected to a new page which will consist of the form same as save page with pre populated data, after updating the details, upon click on save button, new data should persist in the database.




Customer Add Update
localhost:8080/CustomerRelationshipManagement/updateCustomer?id=7&action=1
Update Customer Details
First name
Harshit
Last Name
Chaudhary
Email
harshit@gmail.com
Save
ENG
IN
8:09 PM
9/29/2022


Customer Relationship Manager
localhost:8080/CustomerRelationshipManagement/
Hi Kate! How can I help you?
Customer Relationship Management
New Customer
First Name
Last Name
Email
Action
Harshit
Chaudhary
harshit@gmail.com
Update
Delete
Ankit
Garg
ankit@greatlearning.in
Update
Delete
Monica
Sharma
monica@greatlearning.in
Update
Delete
Bhavya
Shetty
bhavya@greatlearning.in
Update
Delete
Pranav
Sharma
pranav@gmail.com
Update
Delete
ENG
IN
8:09 PM
9/29/2022

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