

CUSTOMER MANAGEMENT SYSTEM

OBJECTIVE

Customer management system aims to insert,update,delete and view the customer details.By logging into the application using the logging valid credentials the user can do the above operations according to their role or profile.

REQUIREMENTS

HARDWARE REQUIREMENTS

- Processor: Intel(R) coreTM 2.60 GHz
- RAM: 1GB
- OS: Windows

SOFTWARE REQUIREMENTS

- Eclipse IDE
- MySql

IMPLEMENTATION

LOGIN

The user can login into the application by giving their login credentials(i.e userId and password).The UserManagementContoller class checks the userId and password entered by the user with the database and if the credentials matches with the database,it allows the user enter into the application otherwise it throws error of login failed.

VIEW CUSTOMERS

This module display the details of all customers.The details of all customer can be viewed by admin and manager , but not the employee(user).Since the access is restricted the user(employee) cannot view the details of all customers,but he can view only his/her details .

ADD CUSTOMER

In this module an user can add a customer into the database.This adding a customer can be done only by admin and manager.

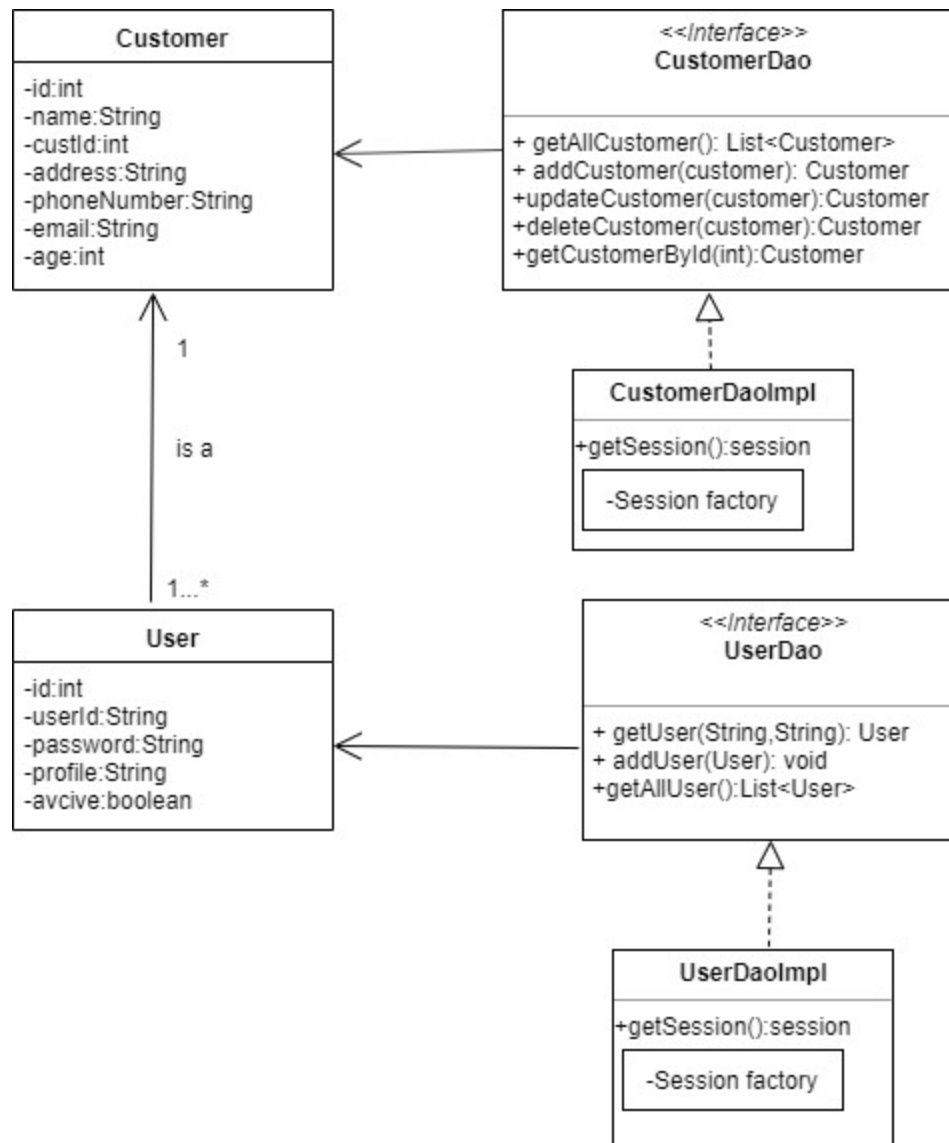
UPDATE CUSTOMER

An admin can update details of any customer.An user(employee) can update his/her details but not others details.

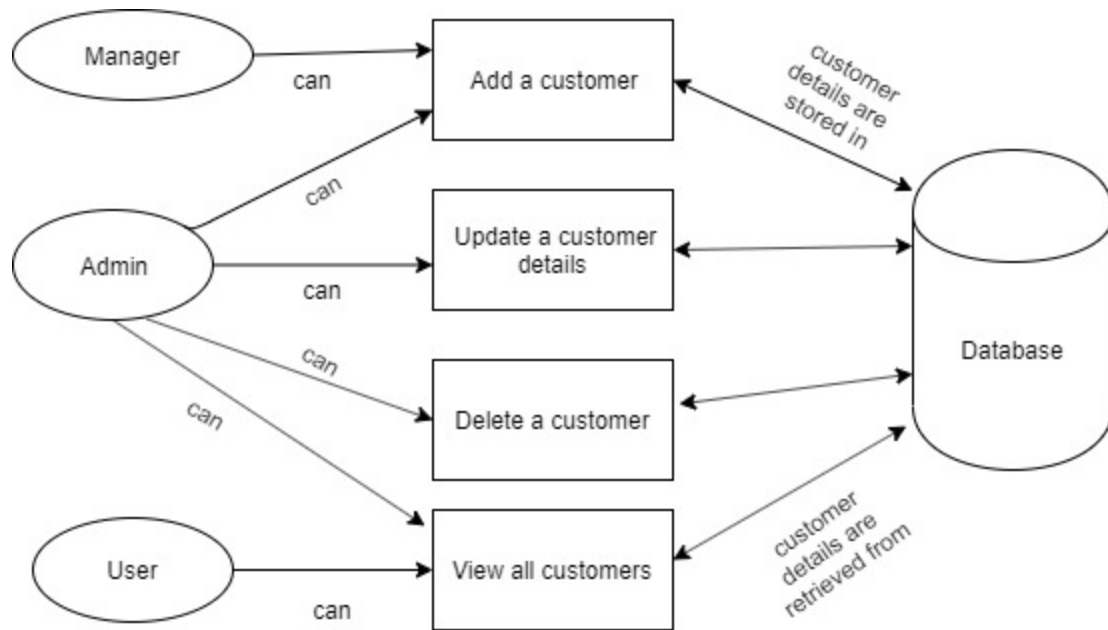
DELETE CUSTOMER

The access privilege to delete a customer is given only to admin.

CLASS DIAGRAM



USE CASE DIAGRAM



OUTPUT

The screenshot shows a web browser window with the URL `http://localhost:9524/CustomerApplication_51830105/login`. The login page has a green and blue gradient background. It contains two input fields: 'Enter UserName' with the value 'rama@gmail.com' and 'Enter Password' with the value 'rama'. A 'Login' button is positioned below the password field.

LOGIN PAGE

All Users

+

localhost:9524/CustomerApplication_51830105/allusers

☆

Welcome

SS

		CUSTOMER							
ID	NAME	ID	ADDRESS	PHONE	EMAIL ID	AGE	DELETE	UPDATE	
1	rithu	12	karur	8132665365	rithu@gmail.com	20	Delete	Update	
2	varsha	13	kerala	9625561012	varsha@gmail.com	21	Delete	Update	

Add customer

logout

HOME PAGE OF ADMIN

http://localhost:9524/CustomerApplication_51830105/allusers

Welcome

		CUSTOMER							
ID	NAME	ID	ADDRESS	PHONE	EMAIL ID	AGE			
1	rithu	12	karur	8132665365	rithu@gmail.com	20			
2	varsha	13	kerala	9625561012	varsha@gmail.com	21			
3	yuga	14	chennai	9256112876	yuga@gmail.com	25			
4	yuga	14	chennai	9256112876	yuga@gmail.com	25			
5	yuga	14	chennai	9865120344	yuga@gmail.com	26			
6	yuga	14	chennai	9865120344	yuga@gmail.com	26			

Add customer

logout

HOME PAGE OF MANAGER

Welcome

CUSTOMER						
ID	NAME	ID	ADDRESS	PHONE	EMAIL ID	AGE
1	rithu	12	karur	8132665365	rithu@gmail.com	20
2	varsha	13	kerala	9625561012	varsha@gmail.com	21
3	yuga	14	chennai	9256112876	yuga@gmail.com	25
4	yuga	14	chennai	9256112876	yuga@gmail.com	25
5	yuga	14	chennai	9865120344	yuga@gmail.com	26
6	yuga	14	chennai	9865120344	yuga@gmail.com	26

logout

HOME PAGE OF EMPLOYEE

ENTER NAME
ENTER CUSTOMER ID
ENTER ADDRESS
ENTER PHONE NUMBER
ENTER EMAIL
ENTER AGE

Submit

ADD CUSTOMER PAGE

ENTER NAME	<input type="text"/>	<i>name cant be left blank!</i>
ENTER CUSTOMER ID	<input type="text"/>	<i>Id cant be left blank!</i>
ENTER ADDRESS	<input type="text"/>	<i>address cant be left blank!</i>
ENTER PHONE NUMBER	<input type="text"/>	<i>phone number cant be left blank</i>
ENTER EMAIL	<input type="text"/>	<i>email cant be left blank!</i>
ENTER AGE	<input type="text"/>	<i>age cant be left blank!</i>
<input type="submit" value="Submit"/>		

ADD CUSTOMER PAGE THROWING ERRORS