Customer Management System

(CRUD Application)

Presented By

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ABSTRACT

The "Customer Management System" Created with Spring MVC framework include the following operations like Register,Login,Logout, Add Customer,Delete Customer,Update Customer.In this application integrated database with hibernate.

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1.Requirements Specifications:

The main requirement of the system is to manage the customer details.

Analysis:

Customer Management System aims to manage the details of the customer.

It consists of mainly four functionalities:

Adding Customer Details: Adding the customer details by administrator and manager. Details includes Customer name,mobile,email.

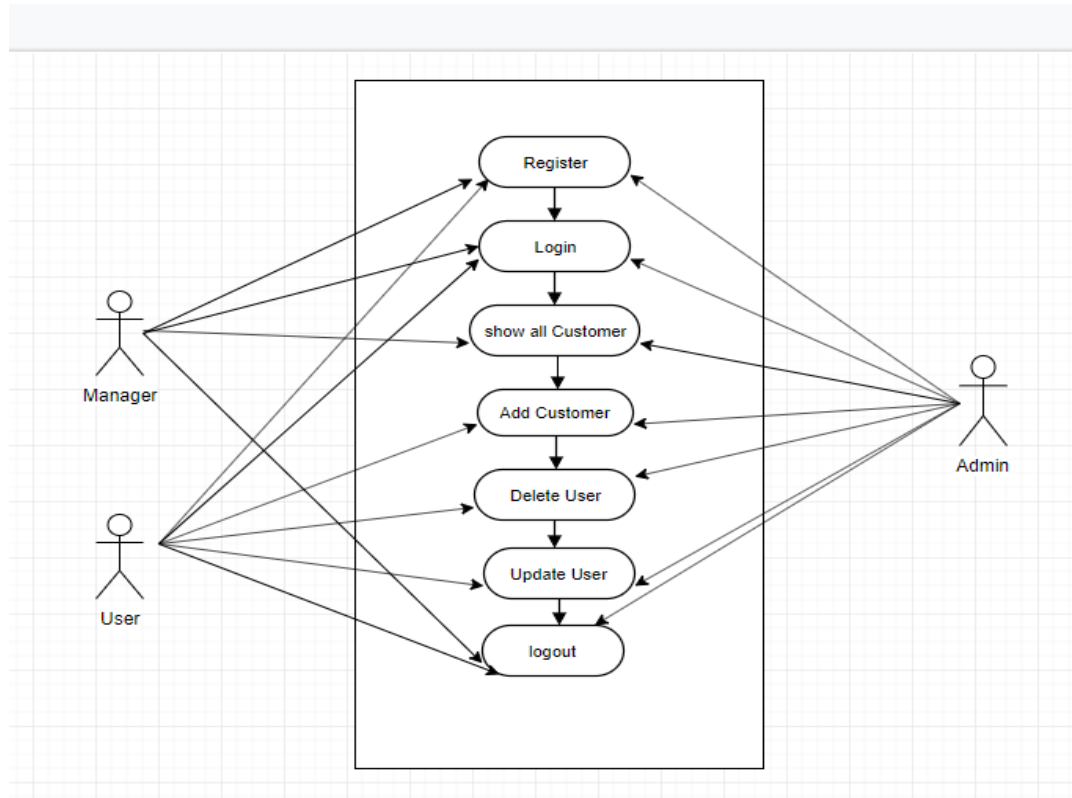Updating the Customer Details: Administrator can update the details of customer.

Deleting the Customer Details: Administrator can delete the customer record.

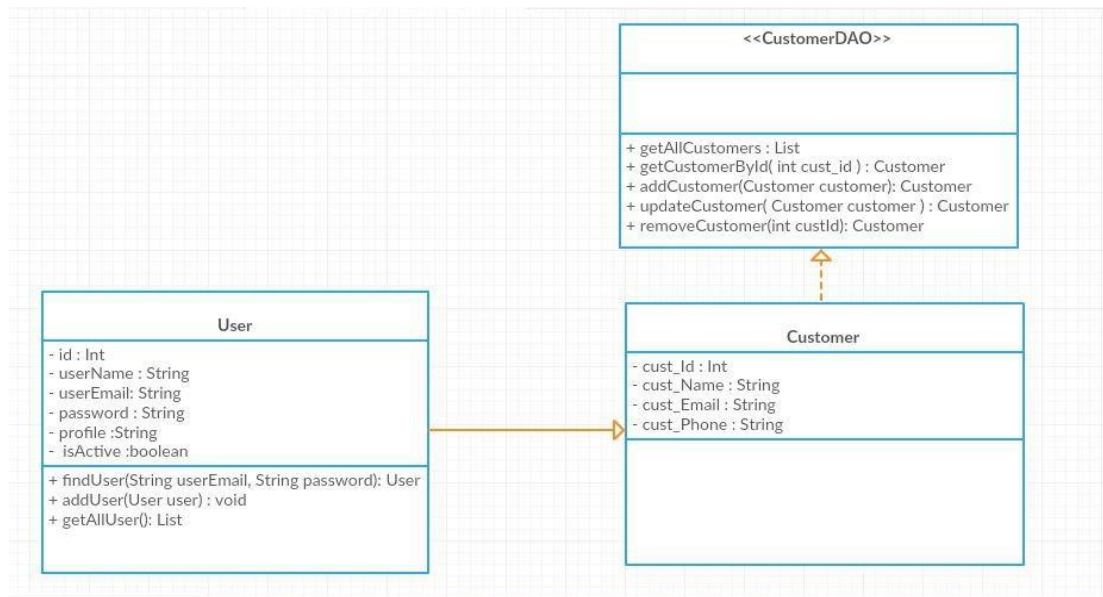Viewing the Customer Details: Administrator,Manager and employee can view the customer details

2.Software Specification:

- Eclipse IDE
- Apache Tomcat

3.UML DIAGRAM

4. CLASS DIAGRAM

<<CustomerDAO>>

+ getAllCustomers : List
+ getCustomerById(int cust_id) : Customer
+ addCustomer(Customer customer): Customer
+ updateCustomer(Customer customer) : Customer
+ removeCustomer(int custId): Customer

User

- id : Int
- userName : String
- userEmail: String
- password : String
- profile :String
- isActive :boolean

+ findUser(String userEmail, String password): User
+ addUser(User user) : void
+ getAllUser(): List

Customer

- cust_Id : Int
- cust_Name : String
- cust_Email : String
- cust_Phone : String

SCREENSHOTS

ENTER THE USER DETAILS

Enter the Username: _____

Enter the Email: _____

Enter password: _____

Enter the Profile: _____

Enter the Active: | false |

[register]

Welcome to Customer Application

Enter Email:

Enter password:

login

Welcome guru

id	firstname	lastname	address	phone	email	salary	update	delete
4	rer	ref	fewfr	7347834	gur@gmail	545356	update	delete
6	guptha	d	Andhra	987483271	guptha@gmail.com	45000	update	delete
7	Gaja	N	Dindugal	98576445654	Gaja@yahoo.com	54323	update	delete

addCustomer   Logout

Enter the Customer Details

Enter the firstName:	Karthi
Enter the LastName:	K
Enter the Address:	Thirchy
Enter the PhoneNumber:	998765553
Enter the Email:	gu@gmail.com
Enter the Salary:	5663357

Add

```
MySQL 5.5 Command Line Client

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use hcl;
Database changed
mysql> select * from customer1_table;
+----+----------+-------------------+-----------+----------+--------------+---------+
| id | address  | email             | firstname | lastname | phone        | salary  |
+----+----------+-------------------+-----------+----------+--------------+---------+
|  4 | fewfr    | gur@gmail         | rer       | ref      | 7347834      | 545356  |
|  6 | Andhra   | guptha@gmail.com  | guptha    | d        | 987483271    | 45000   |
|  7 | Dindugal | Gaja@yahoo.com    | Gaja      | N        | 98576445654  | 54323   |
|  8 | Thirchy  | gu@gmail.com      | Karthi    | K        | 998765553    | 5663357 |
+----+----------+-------------------+-----------+----------+--------------+---------+
4 rows in set (0.00 sec)

mysql> select * from user1_table;
+----+--------+-------------------+----------+-----------+----------+
| id | active | email             | password | profile   | username |
+----+--------+-------------------+----------+-----------+----------+
|  1 | ▯      | guru@gmail.com    | 123      | engineer  | guru     |
|  2 | ▯      | gaja@gmail.com    | 1234     | developer | gaja     |
|  3 | ▯      | chandru@gmail.com | 12345    | admin     | chandru  |
+----+--------+-------------------+----------+-----------+----------+
3 rows in set (0.00 sec)

mysql>
```

Conclusion:

The Customer Management Application is designed to manage the details of the customer,which gives the provision to add,update,remove and view the customer details as per the status of the user profile