

PROJECT DOCUMENTATION

Project Management Plan

Customer Management System aims to insert,update,delete and list the customer details. The system deals with three user profiles:admin,manager,employee where admin can insert,update,delete and can view all the customer details,manager can add and view the details and employee can only view the customer details.

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,email,phone no,address and salary

Updating the Customer Details:

Administrator can update the details of customer.

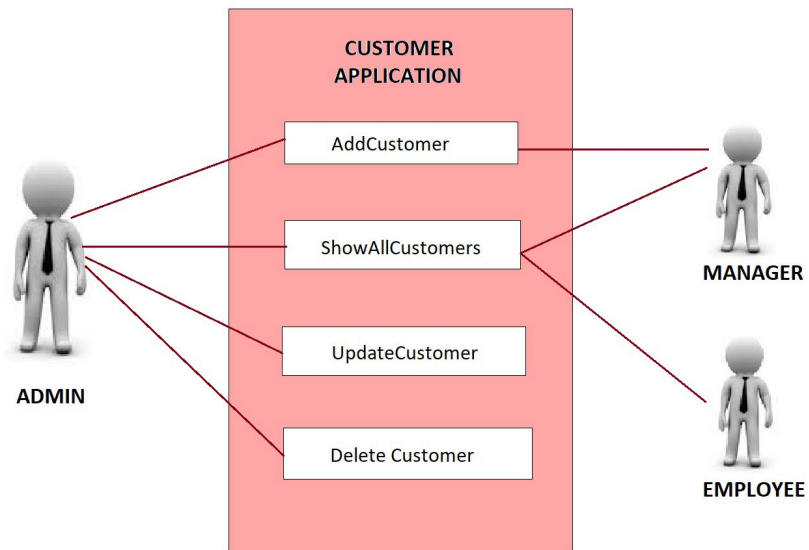
Deleting the Customer Details:

Administrator can delete the customer record.

Viewing the Customer Details:

Administrator,Manager and employee can view the customer details.

Use Case Diagram:



Design

Back end database of Customer Management System is hibernate.

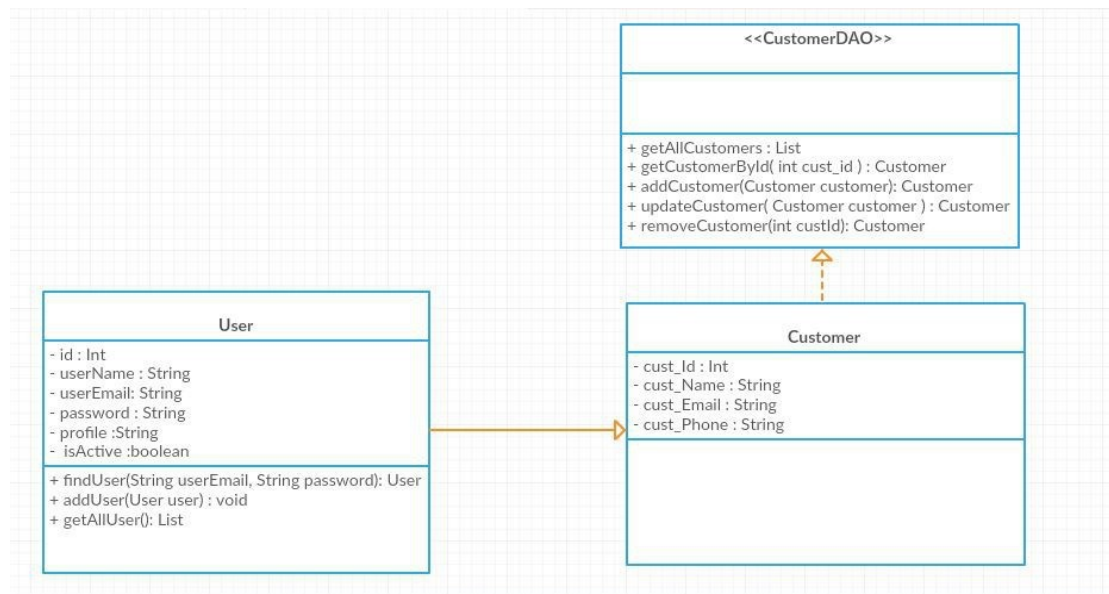
It consists of two relational tables:users and customers

User Entity:

This entity contains the properties:name,username,password,email,profile of the user and the boolean flag isactive. Email and password is used to login to the system.

User profiles can be administrator,employee and manager.

Class Diagram



Implementation

The system is implemented using spring framework and hibernate. Front end of the system is implemented by Bootstrap.

This contains the following modules:

Login module:

User logs into the system using username and password. He/She views the system according to his profile.

The screenshot shows a login form titled "Login to Proceed!!". It contains two input fields: "Enter email" with the value "naaz@n.com" and "Enter password" with masked characters "••••••". Below the password field is a "Login" button.

Adding Customer module:

Name,Email,Phone no,address and salary of the customer are added to the system. Administrator can add the details.

Enter name:

Enter email:

Enter phoneno:

Enter address:

Enter salary:

Hello!! Welcome naaz

[logout](#)

id	name	email	phoneno	address	salary	update	delete
1	naveeda	naveeda@hcl.com	9014243342	Ongole	1000000.0	update	delete
2	swathi G	swathi@hcl.com	846971354	Madurai	90000.0	update	delete
3	Prathyusha	bellam@hcl.com	132489875	Tangutur	50000.0	update	delete
4	Azzi	azzi@a.com	1548484545	Nellore	13164.0	update	delete
5	Naffu	naffu@n.com	2584915444	Vijayawada	14484.0	update	delete

[addcustomer](#)

Deleting Customer module:

Administrator can delete the customer record. Record with customer id 5 is deleted.

Hello!! Welcome naaz

[logout](#)

id	name	email	phoneno	address	salary	update	delete
1	naveeda	naveeda@hcl.com	9014243342	Ongole	1000000.0	update	delete
2	swathi G	swathi@hcl.com	846971354	Madurai	90000.0	update	delete
3	Prathyusha	bellam@hcl.com	132489875	Tangutur	50000.0	update	delete
4	Azzi	azzi@a.com	1548484545	Nellore	13164.0	update	delete

[addcustomer](#)

Updating Customer module:

Administrator updates the customer details. Address and salary of Customer with id 4 is updated.

Hello!! Welcome naaz

[logout](#)

id	name	email	phoneno	address	salary	update	delete
1	naveeda	naveeda@hcl.com	9014243342	Ongole	1000000.0	update	delete
2	swathi G	swathi@hcl.com	846971354	Madurai	90000.0	update	delete
3	Prathyusha	bellam@hcl.com	132489875	Tangutur	50000.0	update	delete
4	Azzi	azzi@a.com	1548484545	Hyderabad	156374.0	update	delete
6	Annu	annu@a.com	9841357852	tadepalligudem	80000.0	update	delete

[addcustomer](#)

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.