Customer Maintenance system

Introduction

This project aims at designing and developing an interactive and responsive world wide webbased customer maintenance system for use in an online web application.

Functional Requirements

This System allows a user to see a list of customers from the application home page, the user can create a new customer, delete a customer or modify a customer details

Home Page

The initial page displayed on all accesses to the Web Site shall be the Home Page of the site. The Home page of the site shall offer links or buttons to the following

a. Create Customer
b. Modify Customer
c. List Customers
d. Delete Customer
e. Help

- When selected Help Page Displayed

f. About

- When selected about page displayed.

Create Customer

The user will be asked to enter the customer details including name, address, age and password. The create shall succeed or fail. In case of a failure, an error message should be displayed. The create can be cancelled. If cancelled the Home page shall be re-displayed. A create failure should also redisplay the create method. The Host Server shall save the details of a new Customer in a Mongo database. The customer information will be validated using the mongo database at the server.

Delete Customer

The user will select from a list of customers which customer to delete. If a customer is deleted it is removed from the mongo database. Suitable success and error messages should be displayed.

List Customer

List of all customers – from which the user can select one to get further information on that customer.

Modify Customer

The user will select from a list of customers which customer to modify. If a customer is selected to be modified, the existing details for the customer are displayed, the user may modify and save the details. Any new details for the customer are stored in the mongo database. Suitable success and error messages should be displayed.

About information Page

 This page should display the contact information for the business.

Help Page

 This page should display the help for the system.

An sql or mongo database (as covered in your lectures)at the server should maintain all the details of each user and should be used to validate user login, user roles and to create and maintain users.

Note :- only express modules or modules which have been used in the lectures should be used in your assignment