Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_10\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Implement a CRUD operation in ASP. NET MVC |

Submitted On:

\_\_\_\_12/2022\_\_\_\_

(Date: DD/MM/YY)

**Task#1: Implement a CRUD operation in ASP. NET MVC**

**Controller Class Code:**

using Electronic\_Shop.Models;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

namespace Electronic\_Shop.Controllers

{

public class CustomerController : Controller

{

MVCPROJEntities8 db = new MVCPROJEntities8();

// GET: Customer

public ActionResult Index(string searchBy, string search)

{

if(searchBy== "Name")

{

var mydata = db.Customers.Where(model => model.Cust\_Name.StartsWith(search)).ToList();

return View(mydata);

}

else if(searchBy == "Gender")

{

var mydata = db.Customers.Where(model => model.Gender == search).ToList();

return View(mydata);

}

else

{

var mydata = db.Customers.ToList();

return View(mydata);

}

//var data = db.Customers.ToList();

// return View(data);

}

//Get

public ActionResult Customer()

{

return View();

}

[HttpPost]

public ActionResult Customer(Customer c)

{

db.Customers.Add(c);

int a = db.SaveChanges();

if (a > 0)

{

TempData["CreateMessage"] = "<script>alert('Data Inserted Succesfully')</script>";

ModelState.Clear();

return RedirectToAction("Index", "Customer");

}

else

{

TempData["CreateMessage"] = "<script>alert('Data not Inserted')</script>";

}

return View();

}

public ActionResult Edit(int id)

{

var data = db.Customers.Where(model => model.Cust\_Id == id).FirstOrDefault();

return View(data);

}

[HttpPost]

public ActionResult Edit(Customer c)

{

var data = db.Customers.Where(model=> model.Cust\_Id== c.Cust\_Id ).FirstOrDefault();

if (data != null)

{

data.Cust\_Name= c.Cust\_Name;

data.Cust\_City = c.Cust\_City;

data.Gender = c.Gender;

int a = db.SaveChanges();

if (a > 0)

{

TempData["UpdateMessage"] = "<script>alert('Data Updated Succesfully')</script>";

ModelState.Clear();

return RedirectToAction("Index", "Customer");

}

else

{

TempData["UpdateMessage"] = "<script>alert('Data not Updated')</script>";

}

}

return View();

}

public ActionResult Delete(int id)

{

var data = db.Customers.Where(model => model.Cust\_Id == id).FirstOrDefault();

db.Customers.Remove(data);

int a = db.SaveChanges();

if (a > 0)

{

TempData["DeleteMessage"] = "<script>alert('Data Deleted Succesfully')</script>";

ModelState.Clear();

return RedirectToAction("Index", "Customer");

}

else

{

TempData["DeleteMessage"] = "<script>alert('Data not Deleted')</script>";

}

return View(data);

}

public ActionResult Details(int id)

{

var CustomerRow = db.Customers.Where(model => model.Cust\_Id == id).FirstOrDefault();

return View(CustomerRow);

}

public ActionResult Logout()

{

Session.Abandon();

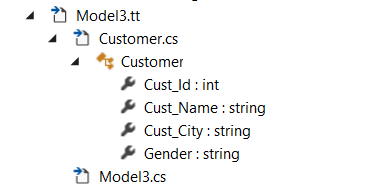
return RedirectToAction("Index", "Login");

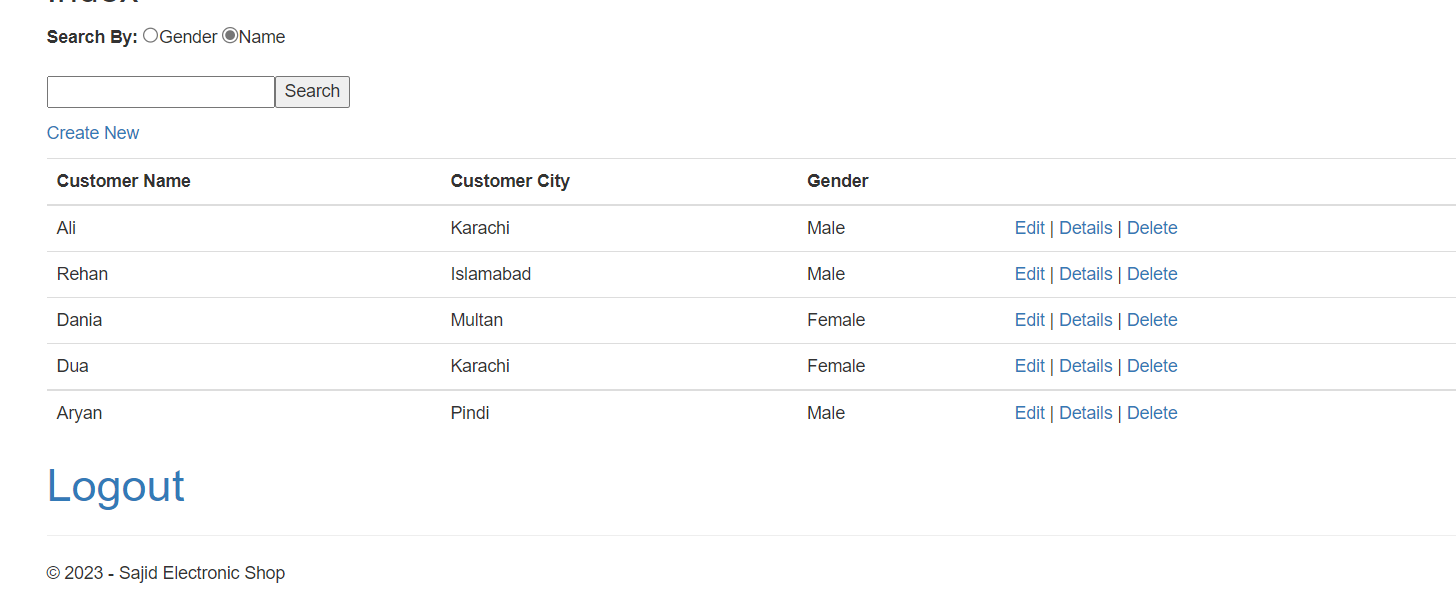
}

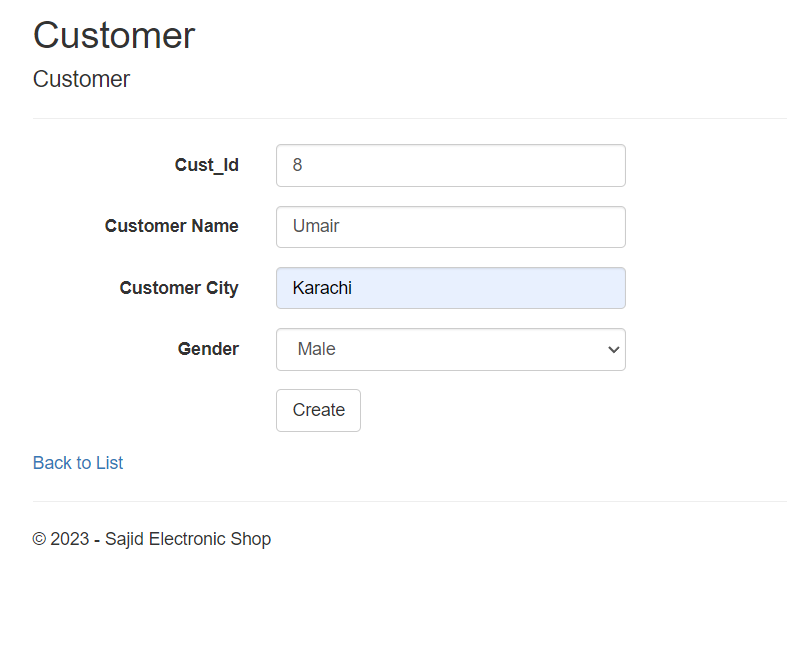
}

}

**Model Class:**



**Output:**  




Graphical user interface, text, application

Description automatically generated