**EditCustomer**

@{

var F\_Name = "";

var L\_Name = "";

String Customer\_ID = "";

String End\_Date = "";

String Start\_Date = "";

String DOB = "";

String Invoice\_ID = "";

String Email\_Address = "";

String Phone\_Number = "";

String Address\_ID = "";

if (!IsPost){

if (!Request.QueryString["Customer\_ID"].IsEmpty() && Request.QueryString["Customer\_ID"].IsInt()) {

Customer\_ID = Request.QueryString["Customer\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var dbCommand = "SELECT \* FROM Customer WHERE ID = @0";

var row = db.QuerySingle(dbCommand, Customer\_ID);

if (row != null) {

F\_Name = row.F\_Name;

L\_Name = row.L\_Name;

End\_Date = row.End\_Date;

Start\_Date = row.Start\_Date;

Invoice\_ID = row.Invoice\_ID;

Email\_Address = row.Email\_Address;

Phone\_Number = row.Phone\_Number;

Address\_ID = row.Address\_ID;

}

else

{

Validation.AddFormError("No Customer was selected.");

}

}

else

{

Validation.AddFormError("No Customer was selected.");

}

}

if (IsPost){

Validation.RequireField("F\_Name", "You must enter a firstName");

Validation.RequireField("L\_Name", "You must enter a lastName");

Validation.RequireField("End\_Date", "End\_Date is required");

Validation.RequireField("Start\_Date", "Start\_Date is required");

Validation.RequireField("Invoice\_ID", "You haven't entered a Invoice\_ID");

Validation.RequireField("Email\_Address", "You haven't entered a Email\_Address");

Validation.RequireField("Phone\_Number", "You haven't entered a Phone\_Number");

Validation.RequireField("Customer\_ID", "No Customer ID was submitted!");

firstName = Request.Form["F\_Name"];

lastName = Request.Form["L\_Name"];

Customer\_ID = Request.Form["Customer\_ID"];

End\_Date = Request.Form["End\_Date"];

Start\_Date = Request.Form["Start\_Date"];

DOB = Request.Form["DOB"];

Invoice\_ID = Request.Form["Invoice\_ID"];

Email\_Address = Request.Form["Email\_Address"];

Phone\_Number = Request.Form["Phone\_Number"];

Address\_ID = Request.Form["Address\_ID"];

if (Validation.IsValid()) {

var db = Database.Open("Group Access Database12.mdb");

var updateCommand = "UPDATE Customer SET F\_Name=@0, L\_Name=@1, End\_Date=@2, Start\_Date=@3, End\_Date=@4, Start\_Date=@5, Invoice\_ID=@6 Email\_Address=@7, Phone\_Number=@8 WHERE Customer\_ID=@9";

db.Execute(updateCommand, F\_Name, L\_Name, End\_Date, Start\_Date, End\_Date, Start\_Date, Invoice\_ID, Email\_Address, Phone\_Number, Customer\_ID);

Response.Redirect("~/Customer");

}

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<title>Edit a Customer</title>

<style>

.validation-summary-errors {

border: 2px dashed red;

color: red;

font-weight: bold;

margin: 12px;

}

</style>

</head>

<body>

<h1>Edit a Customer</h1>

@Html.ValidationSummary()

<form method="post">

<fieldset>

<legend>Customer Information</legend>

<p>

<label for="F\_Name">First Name:</label>

<input type="text" name="firstName" value="@firstName" /></p>

<p><label for="L\_Name">Last Name:</label>

<input type="text" name="lastName" value="@lastName" /></p>

<p><label for="End\_Date">End Date:</label>

<input type="text" name="End\_Date" value="@End\_Date" /></p>

<p><label for="Start\_Date">Start Date:</label>

<input type="text" name="Start\_Date" value="@Start\_Date" /></p>

<p><label for="Invoice\_ID">Invoice ID:</label>

<input type="text" name="Invoice\_ID" value="@Invoice\_ID" /></p>

<p><label for="Email\_Address">Email Address:</label>

<input type="text" name="Email\_Address" value="@Email\_Address" /></p>

<p> <label for="Phone\_Number">Phone Number:</label>

<input type="text" name="Phone\_Number" value="@Phone\_Number" />0</p>

<input type="hidden" name="Customer\_ID" value="@Customer\_ID" />

<p><input type="submit" name="buttonSubmit" value="Submit Changes" /></p>

</fieldset>

</form>

<p><a href="~/Customer">Return to Customer listing</a></p>

</body>

</html>

**DeleteCustomer**

@{

var F\_Name = "";

var L\_Name = "";

String Customer\_ID = "";

String End\_Date = "";

String Start\_Date = "";

String DOB = "";

String Invoice\_ID = "";

String Email\_Address = "";

String Phone\_Number = "";

String Address\_ID = "";

if (!IsPost)

{

if (!Request.QueryString["Customer\_ID"].IsEmpty() && Request.QueryString["Customer\_ID"].IsInt())

{

Customer\_ID = Request.QueryString["Customer\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var dbCommand = "SELECT \* FROM Customer WHERE ID = @0";

var row = db.QuerySingle(dbCommand, Customer\_ID);

if (row != null) {

F\_Name = row.F\_Name;

L\_Name = row.L\_Name;

End\_Date = row.End\_Date;

Start\_Date = row.Start\_Date;

Invoice\_ID = row.Invoice\_ID;

Email\_Address = row.Email\_Address;

Phone\_Number = row.Phone\_Number;

Address\_ID = row.Address\_ID;

}

else

{

Validation.AddFormError("No Customer was found for that ID.");

}

}

else

{

Validation.AddFormError("No Customer was found for that ID.");

}

}

if (IsPost && !Request["buttonDelete"].IsEmpty())

{

Customer\_ID = Request.Form["Customer\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var deleteCommand = "DELETE FROM Customer WHERE ID = @0";

db.Execute(deleteCommand, Customer\_ID);

Response.Redirect("~/Customer");

}

}

<html>

<head>

<title>Delete a Customer</title>

</head>

<body>

<h1>Delete a Customer</h1>

@Html.ValidationSummary()

<p><a href="~/Customer">Return to movie listing</a></p>

<form method="post">

<fieldset>

<legend>Customer Information</legend>

<p><span>F\_Name:</span>

<span>@F\_Name</span></p>

<p><span>L\_Name:</span>

<span>@L\_Name</span></p>

<p><span>End\_Date:</span>

<span>@End\_Date</span></p>

<p><span>Start\_Date:</span>

<span>@Start\_Date</span></p>

<p><span>Invoice\_ID:</span>

<span>@Invoice\_ID</span></p>

<p><span>Email\_Address:</span>

<span>@Email\_Address</span></p>

<p><span>Phone\_Number:</span>

<span>@Phone\_Number</span></p>

<p><span>Address\_ID:</span>

<span>@Address\_ID</span></p>

<input type="hidden" name="Customer\_ID" value="@Customer\_ID" />

<p><input type="submit" name="buttonDelete" value="Delete Customer" /></p>

</fieldset>

<p><a href="~/Customer">Return to Customer listing</a></p>

</form>

</body>

</html>

**AddCustomer**

@{

var F\_Name = "";

var L\_Name = "";

String Customer\_ID = "";

String End\_Date = "";

String Start\_Date = "";

String DOB = "";

String Invoice\_ID = "";

String Email\_Address = "";

String Phone\_Number = "";

String Address\_ID = "";

if (IsPost)

{

F\_Name = Request.Form["F\_Name"];

L\_Name = Request.Form["L\_Name"];

Customer\_ID = Request.Form["Customer\_ID"];

End\_Date = Request.Form["End\_Date"];

Start\_Date = Request.Form["Start\_Date"];

DOB = Request.Form["DOB"];

Invoice\_ID = Request.Form["Invoice\_ID"];

Email\_Address = Request.Form["Email\_Address"];

Phone\_Number = Request.Form["Phone\_Number"];

Address\_ID = Request.Form["Address\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var insertCommand = "INSERT INTO Customer (F\_Name, L\_Name, Customer\_ID, End\_Date, Start\_Date, DOB, Invoice\_ID, Email\_Address, Phone\_Number, Address\_ID) Values(@0, @1, @2, @3, @4, @5, @6, @7, @8, @9)";

db.Execute(insertCommand, F\_Name, L\_Name, Customer\_ID, End\_Date, Start\_Date, DOB, Invoice\_ID, Email\_Address, Phone\_Number, Address\_ID);

Response.Redirect("~/ViewCustomer.cshtml");

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<title>Add a Customer</title>

</head>

<body>

<h1>Add a Customer</h1>

@Html.ValidationSummary()

<form method="post">

<fieldset>

<legend>Customer Information</legend>

<p>

<label for="F\_Name">First Name:</label>

<input type="text" name="F\_Name" value="@Request.Form["F\_Name"]" />

@Html.ValidationMessage("firstName")

</p>

<p>

<label for="L\_Name">Last Name:</label>

<input type="text" name="L\_Name" value="@Request.Form["L\_Name"]" />

@Html.ValidationMessage("L\_Name")

</p>

<p>

<label for="Customer\_ID">Customer ID:</label>

<input type="text" name="Customer\_ID" value="@Request.Form["Customer\_ID"]" />

@Html.ValidationMessage("Customer\_ID")

</p>

<p>

<label for="End\_Date">End Date:</label>

<input type="text" name="End\_Date" value="@Request.Form["End\_Date"]" />

@Html.ValidationMessage("End\_Date")

</p>

<p>

<label for="Start\_Date">Start Date:</label>

<input type="text" name="Start\_Date" value="@Request.Form["Start\_Date"]" />

@Html.ValidationMessage("Start\_Date")

</p>

<p>

<label for="Invoice\_ID">Invoice ID:</label>

<input type="text" name="Invoice\_ID" value="@Request.Form["Invoice\_ID"]" />

@Html.ValidationMessage("Invoice\_ID")

</p>

<p>

<label for="Email\_Address">Email Address:</label>

<input type="text" name="Email\_Address" value="@Request.Form["Email\_Address"]" />

@Html.ValidationMessage("Email\_Address")

</p>

<p>

<label for="DOB">DOB:</label>

<input type="text" name="DOB" value="@Request.Form["DOB"]" />

@Html.ValidationMessage("DOB")

</p>

<p>

<label for="Phone\_Number">Phone\_Number:</label>

<input type="text" name="Phone\_Number" value="@Request.Form["Phone\_Number"]" />

@Html.ValidationMessage("Phone\_Number")

</p>

<p>

<label for="Address\_ID">Address ID:</label>

<input type="text" name="Address\_ID" value="@Request.Form["Address\_ID"]" />

@Html.ValidationMessage("Address\_ID")

</p>

<p><input type="submit" name="buttonSubmit" value="Add Customer" /></p>

</fieldset>

</form>

</body>

</html>

**ViewCustomer**

@{

var db = Database.Open("Group Access Database12.mdb");

var selectedData = db.Query("SELECT \* FROM Customer");

var grid = new WebGrid(source: selectedData);

}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<title>Customer\_ID</title>

</head>

<body>

<h1>Customers</h1>

<div>

@grid.GetHtml(

columns: grid.Columns(

grid.Column("Customer\_ID"),

grid.Column("F\_Name"),

grid.Column("L\_Name"),

grid.Column("End\_Date")

grid.Column("Start\_Date"),

grid.Column("DOB"),

grid.Column("Invoice\_ID"),

grid.Column("Email\_Address")

grid.Column("Phone\_Number"),

grid.Column("Address\_ID"),

)

)

</div>

</body>

</html>

**AddService**

@{

var Service\_ID = "";

var Description = "";

String Price = "";

String End\_Date = "";

String Start\_Date = "";

if (IsPost)

{

Service\_ID = Request.Form["Service\_ID"];

Description = Request.Form["Description"];

Price = Request.Form["Price"];

End\_Date = Request.Form["End\_Date"];

Start\_Date = Request.Form["Start\_Date"];

var db = Database.Open("Group Access Database12.mdb");

var insertCommand = "INSERT INTO Service (Service\_ID, Description, Price, End\_Date, Start\_Date) Values(@0, @1, @2, @3, @4)";

db.Execute(insertCommand, Service\_ID, Description, Price, End\_Date, Start\_Date);

Response.Redirect("~/Service.cshtml");

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<title>Add a Service</title>

</head>

<body>

<h1>Add a Service</h1>

@Html.ValidationSummary()

<form method="post">

<fieldset>

<legend>Service Information</legend>

<p>

<label for="title">Service\_ID:</label>

<input type="text" name="Service\_ID" value="@Request.Form["Service\_ID"]" />

@Html.ValidationMessage("Service\_ID")

</p>

<p>

<label for="title">Description:</label>

<input type="text" name="Description" value="@Request.Form["Description"]" />

@Html.ValidationMessage("Description")

</p>

<p>

<label for="title">Price:</label>

<input type="text" name="Price" value="@Request.Form["Price"]" />

@Html.ValidationMessage("Price")

</p>

<p>

<label for="title">End Date:</label>

<input type="text" name="End\_Date" value="@Request.Form["End\_Date"]" />

@Html.ValidationMessage("End\_Date")

</p>

<p>

<label for="title">Start Date:</label>

<input type="text" name="Start\_Date" value="@Request.Form["Start\_Date"]" />

@Html.ValidationMessage("Start\_Date")

</p>

<p><input type="submit" name="buttonSubmit" value="Add Service" /></p>

</fieldset>

</form>

</body>

</html>

**EditService**

@{

var Service\_ID = "";

var Description = "";

String Price = "";

String End\_Date = "";

String Start\_Date = "";

if (!IsPost)

{

if (!Request.QueryString["Service\_ID"].IsEmpty() && Request.QueryString["Service\_ID"].IsInt())

{

Service\_ID = Request.QueryString["Service\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var dbCommand = "SELECT \* FROM Service WHERE ID = @0";

var row = db.QuerySingle(dbCommand, Service\_ID);

if (row != null)

{

Service\_ID = row.Service\_ID;

Description = row.Description;

Price = row.Price;

End\_Date = row.End\_Date;

Start\_Date = row.Start\_Date;

}

else

{

Validation.AddFormError("No Service was selected.");

}

}

else

{

Validation.AddFormError("No Service was selected.");

}

}

if (IsPost)

{

Validation.RequireField("Start\_Date", "You haven't entered a Start\_Date");

Validation.RequireField("Price", "Price is required");

Validation.RequireField("End\_Date", "You haven't entered a End\_Date");

Validation.RequireField("Service\_ID", "No Service ID was submitted!");

Validation.RequireField("Description", "No Description was submitted!");

Start\_Date = Request.Form["Start\_Date"];

Price = Request.Form["Price"];

End\_Date = Request.Form["End\_Date"];

Service\_ID = Request.Form["Service\_ID"];

Description = Request.Form["Description"];

if (Validation.IsValid())

{

var db = Database.Open("Group Access Database12.mdb");

var updateCommand = "UPDATE Service SET Price=@0, Start\_Date=@1, End\_Date=@2, Description=@3 WHERE Id=@4";

db.Execute(updateCommand, Price, Start\_Date, End\_Date, Description, Service\_ID);

Response.Redirect("~/Service");

}

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<title>Edit a Service</title>

<style>

.validation-summary-errors {

border: 2px dashed red;

color: red;

font-weight: bold;

margin: 12px;

}

</style>

</head>

<body>

<h1>Edit a Service</h1>

@Html.ValidationSummary()

<form method="post">

<fieldset>

<legend>Service Information</legend>

<p>

<label for="Description">Description:</label>

<input type="text" name="Description" value="@Description" />

</p>

<p>

<label for="Price">Price:</label>

<input type="text" name="Price" value="@Price" />

</p>

<p>

<label for="Start\_Date">Start\_Date:</label>

<input type="text" name="Start\_Date" value="@Start\_Date" />

</p>

<p>

<label for="End\_Date">End\_Date:</label>

<input type="text" name="End\_Date" value="@End\_Date" />

</p>

<input type="hidden" name="Service\_ID" value="@Service\_ID" />

<p><input type="submit" name="buttonSubmit" value="Submit Changes" /></p>

</fieldset>

</form>

<p><a href="~/Service">Return to Service listing</a></p>

</body>

</html>

**DeleteService**

@{

var Service\_ID = "";

var Description = "";

String Price = "";

String End\_Date = "";

String Start\_Date = "";

if (!IsPost)

{

if (!Request.QueryString["Service\_ID"].IsEmpty() && Request.QueryString["Service\_ID"].IsInt())

{

Service\_ID = Request.QueryString["Service\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var dbCommand = "SELECT \* FROM Service WHERE ID = @0";

var row = db.QuerySingle(dbCommand, Service\_ID);

if (row != null)

{

Service\_ID = row.Service\_ID;

Description = row.Description;

Price = row.Price;

End\_Date = row.End\_Date;

Start\_Date = row.Start\_Date;

}

else

{

Validation.AddFormError("No Service was found for that ID.");

}

}

else

{

Validation.AddFormError("No Service was found for that ID.");

}

}

if (IsPost && !Request["buttonDelete"].IsEmpty())

{

Service\_ID = Request.Form["Service\_ID"];

var db = Database.Open("Group Access Database12.mdb");

var deleteCommand = "DELETE FROM Service WHERE ID = @0";

db.Execute(deleteCommand, Service\_ID);

Response.Redirect("~/Service");

}

}

<html>

<head>

<title>Delete a Service</title>

</head>

<body>

<h1>Delete a Service</h1>

@Html.ValidationSummary()

<p><a href="~/Service">Return to Service listing</a></p>

<form method="post">

<fieldset>

<legend>Service Information</legend>

<p>

<span>Service:</span>

<span>@Service\_ID</span>

</p>

<p>

<span>Description:</span>

<span>@Description</span>

</p>

<p>

<span>Price:</span>

<span>@Price</span>

</p>

<p>

<span>End\_Date:</span>

<span>@End\_Date</span>

</p>

<p>

<span>Start\_Date:</span>

<span>@Start\_Date</span>

</p>

<input type="hidden" name="Service\_ID" value="@Service\_ID" />

<p><input type="submit" name="buttonDelete" value="Delete Service" /></p>

</fieldset>

<p><a href="~/Service">Return to Service listing</a></p>

</form>

</body>

</html>

**ViewService**

@{

var db = Database.Open("Group Access Database12.mdb");

var selectedData = db.Query("SELECT \* FROM Service");

var grid = new WebGrid(source: selectedData);

}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<title>Service</title>

</head>

<body>

<h1>Service</h1>

<div>

@grid.GetHtml(

columns: grid.Columns(

grid.Column("Service\_ID"),

grid.Column("Description"),

grid.Column("Price"),

grid.Column("End\_Date"),

grid.Column("Start\_Date")

)

)

</div>

</body>

</html>