

# ASSIGNMENT

## Objective

Create an client information based application in which client will enter his first name , last name , email, date of birth and city.

## Scope Of Work

You have to create a simple 1 page Insert, Update, Delete, Search functionality based ASP.Net application using Visual Studio 2013 , SQL Server 2012 and Adobe Photoshop.

## Validation & Requirements

- Textboxes should not be empty, prompt the user through jQuery about empty fields and focus on them
- Apply pagination of having 10 records at a time
- Use code-behind technique to bind the data
- Make fields SQL Injection Free
- Use bootstrap to make this application responsive
- When record is inserted show success message
- Bind Gridview and Dropdownlist from database using code-behind
- Bind data through Datareader method
- Use Views to bind Gridview
- Use Stored procedures for insert/update/delete/search data
- Email should be unique, show error if duplicate email is inserted, stop the transaction if email already exists

## Steps to Follow

- Draw application using Adobe Photoshop CS6
- Slice PSD to HTML
- Make HTML page responsive using Bootstrap
- Design database with Primary & Foreign Keys relationship (2 tables are enough)
- Create stored procedures and Views
- Make email column as unique
- Record transaction date in each row
- Convert HTML page to ASP.Net form
- Bind data from back-end with UI

## Estimated Time

You are given 2 hours to complete this task with all requirements and validations.

Front End	/10	Task Completion Time	
Back End	/10	Comments	
Photoshop	/10		
SQL	/10		
C#	/10		