Lab 4b – The Entity Framework with Bootstrap

# Description

This lab expands on Lab 4 to add bootstrap functionality.

# Estimated Time

This lab will take an estimated 3 hours to complete

# Deliverable

Deploy your website to Windows Azure and submit the link to Brightspace.

See “Brightspace -> Course Content -> Extra Materials -> Azure Usage” for information about deploying Azure Web Apps, Databases and Storage Accounts.

# Notes

* Be sure Visual Studio is up to date.
* Install SQL Server 2016 Community Edition
* Install SQL Server Management Studio Community Edition
* Follow along closely to the instructions!
* Demo can be found at: http://cst8359.hopto.org/lab4b/

# Install SQL Server and the SQL Server Management Studio

1. SQL Server Management Studio can be located at:
   1. <https://msdn.microsoft.com/en-us/library/mt238290.aspx>
   2. Download and install the application. Default settings should also be acceptable
   3. NOTE: Once the server is installed you should either be able to log into your database using this tool and create the database and required table.
2. The script to create the database and its table can be located at the Lab 4 demo site.
3. ***I will be demoing this process in class during Week 6. Please ask questions otherwise.***

# Create a copy of Lab 4

1. Create a copy of your Lab 4 assignment and rename it Lab4b

# Modify Lab 4b to include Bootstrap

Use the following notes to modify your application

* Download a copy of Bootstrap from: <http://getbootstrap.com/>
  + Note that you can also use Bower inside of Visual Studio to install the package automatically
* Install the files into a folder named wwwroot at the root of your application
* Use your \_Layout.cshtml file to implement a basic bootstrap theme
  + Basic layouts: <https://www.w3schools.com/bootstrap/default.asp>
  + Tables: <https://www.w3schools.com/bootstrap/bootstrap_tables.asp>
  + Forms: <https://www.w3schools.com/bootstrap/bootstrap_forms.asp>
  + Buttons: <https://www.w3schools.com/bootstrap/bootstrap_buttons.asp>
* Use my Lab 4b demo application as your style guide
  + Colors, Layouts and responsive design