

Midterm Review Study Terms

- **Week 1 Class 1**

- Form Method – Get vs Post (idempotent criteria)
- Query String
- ASP.Net MVC vs Web Forms vs Webpages
- Home Controller
 - Index method
 - Return Type
 - ActionResult
 - String
 - ViewBag
 - ViewData
- App_Start\Route.config
- View
 - Index method
- /Views/Shared/_Layout.cshtml
- Bootstrap
- Nuget
- Bundles

- **Week 1 Class 2**

- Footer
 - Wrap div
- Popup strategy
- Case 1 Architecture
 - Models
 - eStoreModelConfig
 - CustomerModel
 - ViewModels
 - eStoreViewModelConfig
 - CustomerViewModel
 - eStoreWebsite
 - internet application

- **Week 2 Class 1**

- Html Helper - @Html
- AJAX forms
 - Ajax options
 - LoadingElementId
 - InsertionMode
 - HttpMethod
 - UpdateTargetId
 - OnSuccess
- Linking Model fields to html helpers with LINQ
- @Styles.Render
- @Scripts.Render
- JQuery Tabs
 - \$("#tabs").tabs()

- JQuery libraries
- Validation
 - Client Side
 - Html5
 - JQuery
 - Javascript
 - Server Side
 - Attributes – CompareAttribute, Range, Required, Regular Expression
- **Week 2 Class 2**
 - Register Process
 - AspnetUsers and Customer table
 - Indentity Framework
 - ApplicationUser
 - UserManager.CreateAsync
 - Helpers
 - Web.config modifications
 - Connection Strings
- **Week 3 Class 1**
 - Session Theory
 - Session Id characteristics
 - 4 types of providers
 - global.asax
 - Login Process
 - UserManager.FindAsync
 - SignInAsync
 - GetCurrentProfile
 - Logout Process
 - Session.Abandon
 - AuthenticationManager.Signout
- **Week 3 Class 2**
 - CartItem
 - Session(“Cart”)
 - Custom Html Helpers
 - Method parameters
 - TagBuilder
 - String concatenation
 - Return type
 - Syntax in view
 - Bundles
 - 2 types
 - Configuring
- **Week 4 Class 1**
 - Html 5 – data attributes
 - JQuery function placement
 - Copying elements via JQuery
 - LoadingElementId Ajax option
 - AddToCart process
 - ViewCart process
- **Week 4 Class 2**
 - Ordering Process
 - Tables affected
 - Transaction outcomes
 - TransactionScope class

- Complete method
- How to handle insufficient stock with backorder field
- OnComplete Ajax option

Midterm format – 35-40 questions = 25% of final grade, will be held in Week 5 class 2 **Hour 1 (8:00 am)**