MCA-53: Advanced Web Technology - II

Unit: 1   **[20%]**

Overview of ADO.Net Operations, Overview of GridView, Datalist, Repeater

Working with Detailsview and FormView and perform operation
Caching: Caching,Types of Caching, Datacaching, Types of page caching
Authemtication: Authentication Types of Authentication (Forms, Window, Passport), Authorization

Unit: 2   **[20%]**
Navigation Controls:

Understanding Site Maps,SiteMapPath ,Menu Tree View and Multiview Control

Rich Controls:

File Upload, Calendar, Displaying Different Page view,Displaying Multi-Part Form
LoginControls:

Login, Loginview, PasswordRecovery, LoginStatus, LoginName, ChangePassword
User Controls:

Creating User Controls, Interacting with User Controls, Loading User Controls Dynamically

Unit: 3   **[30%]**
ASP.NET AJAX:

Understanding AJAX Technology,Need of AJAX ,Building a ASP.NET Page with Ajax Using UpdatePanel, UpdateProgress And Timer AJAX Server Controls, AJAX Control Toolkit, Downloading and Installation, AJAX Control Toolkit Extenders
(The controls available in **AJAX Control** Toolkit)

Unit: 4   **[30%]**

WCF & Silverlight
Silverlight Introduction
Working with Navigation Framework

Using Navigation Templates,creating parameterized query strings,using custom menu control,adding navigation animations
Controlling Layout with Panels

Using layout panels,creating custom panels
Silverlight User Interface controls

Using Text Display Controls,input editor controls,list and item controls,button controls,gridsplitter controls,data visualization controls,
 Animation

 Animation, Creating an Animation, Understanding Key Frames
 Animation Easing, Defining Animation with Expression Blend (Need to explain directly)
UI Interaction

 Keyboard Input, Mouse Input, Drag and Drop,Full Screen Mode

Data Binding
Understanding Data Binding, DataBinding Modes,DataBinding Syntax,. DataContext, Change Notifcation, DataTemplates
Working with Services

 Creating WCF services,Consuming WCF services
Text Books / Reference Books:
1.   ASP.NET 4 UNLEASHED Stephen Ealther
2.   ASP.NET 4 in c# and VB
3.   Professional Silverlight 4Jason Beres,Bill Evjen
4.   Silver Light 4 Step by Step