

903: 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

Authentication: 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 4 Jason Beres,Bill Evjen
4. Silver Light 4 Step by Step