

Deccansoft Software Services

(A Microsoft Learning Partner)

Share Point 2010

- **General Introduction**
 - What is IIS
 - IIS Website & Web Application
 - Steps to Create Multiple Website on Port 80
 - What is Application Pool
 - What is AppDomain
 - What is ISAPI Filter / Extension
 - Web Garden & Web Farm
 - HTTPS and SSL
 - Active Directory users and groups creation

- **Introduction to SharePoint**
 - What is SharePoint
 - High Level Features
 - Six Pillars of SharePoint 2010
 - Version History of SharePoint
 - Role of SharePoint Server in LAN.
 - Components in SharePoint
 - Developers Onion View of SharePoint.

- **SharePoint Installation and Administration**
 - Hardware & Software Requirements
 - Supported Browser
 - Types of Installation
 - Software's to be Installed
 - Central Administration Site
 - Managed Accounts
 - Configuration To Send and Receive E-Mail

- **SharePoint Site Hierarchy**
 - SharePoint Site Hierarchy
 - Web Application
 - Site Collection
 - Creating Site and Sub Site
 - SharePoint site Home Page.
 - Branding Site Look and Feel
 - Working with Quota Templates
 - Save Site as Template
 - Create Site from Template

- **Lists**
 - Overview of Lists
 - Create Custom List
 - Add Custom Columns
 - Site Columns and Groups
 - Sort and Filter List
 - Create / Manage List View

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- Content Type
- List Template
- Versioning of Data
- Metadata Navigation Settings
- List Throttling

- **Predefined List & Libraries**
 - Predefined Lists
 - Predefined Libraries
 - Editing Document properties
 - Version Settings
 - Check out, edit, and check in files.
 - Create folders and navigate between them
 - Adding Documents
 - Document Template
 - Document Workspace

- **Security – User Groups and Permissions**
 - Authentication vs. Authorization
 - Creating users and groups in Active Directory
 - SharePoint Groups
 - Creating Custom Permissions Groups
 - Granting Permission to User/groups
 - To Create a Custom Permission level
 - To bind Users/Groups and Permission Level
 - Managing Permissions in Sub site.
 - Allow Users to create their own site
 - To Set Site Confirmation and Deletion of unused sites
 - Permissions for Lists / Libraries / ListItems

- **Claim Based Authentication**
 - How does Claims Based Authentication works?
 - Creating SQL Server Database for authentication using Membership and Role Provider
 - Creating Web Application using CBA.
 - Allowing Anonymous Access in a Web Application
 - Enable Form Based Authentication
 - Editing web.config of Web Application, Central Admin Application and STS
 - Zones in SharePoint
 - Creating an Alternate Access Mapping

- **Enterprise Content Management**
 - Managed Metadata Service
 - Term, Termsets & Keywords
 - Enterprise Content Type
 - Document sets
 - Document ID Service and IDs
 - Content Organizer and Automatic routing
 - In Place Record Management

- **User Profile Service Administration**
 - What is Social Computing?
 - Managing User Profiles
 - User Profile Service Application
 - Synchronization Service

- Working with Audience
- Tags and Notes
- Working with MySite
- **Administering and configuring Search**
 - Purpose of Enterprise Search solution
 - Microsoft Server Side Search Products
 - What's New in SharePoint Search Server 2010
 - Logical architecture for the Enterprise Search Components
 - Setting up Search Service Application
 - Configuring Crawler Settings
 - Queries and Results Settings
 - Search Administration at the Site Collection Level
 - Creating Keywords, Definitions, Best Bets and Synonyms
 - Creating Search Scopes
- **PowerShell**
 - Overview of PowerShell
 - Pipelining of cmdlets
 - Windows PowerShell Scripts
 - Using .NET Objects
 - SharePoint PowerShell Snap-In
 - Creating/Managing a Web Application
 - Creating/Managing Site Collection and Site
- **Backup and Restore**
 - Complete Backup of Web Application
 - Complete Restore of Web Application
 - Granular Backup of Site Collection
 - Exporting & Importing of List
- **Server Object Model**
 - Using Microsoft.SharePoint.DLL
 - Site Architecture and Object Overview
 - SPWebApplication, SPSite, SPWeb, SPList and more...
 - Sample Programs to understand the Object Model
- **CAML and LINQ**
 - Introduction to CAML
 - Writing CAML Queries
 - Implementing Join
 - LINQ Introduction
 - LINQ to SharePoint
- **Client Object Model**
 - Managed Object Model
 - Silverlight Client Object Model
 - Javascript Client Object Model
 - Using SharePoint Web Services in Client Application
- **SharePoint Tools for Visual Studio 2010**
 - Visual Studio Project templates for SharePoint 2010
 - Server Explorer, Feature Designer, Package Explorer
 - Building and Deploying Solutions in Visual Studio 2010 for SharePoint 2010

- **Features**
 - SharePoint Root Directory
 - Features Overview
 - Features Scope
 - Create a new feature and Deploying Features using VS2010
 - Feature Events
 - Manage SharePoint Solution (WSP) using PowerShell Commands

- **Visual Studio Templates**
 - Creating Content Type.
 - Creating SharePoint List Definition with List Instance.
 - Modify the User Interface Using Custom Actions

- **Event Receivers**
 - Event Handlers - Before events and After Events.
 - Event receiver base classes.
 - Registering Event Handlers
 - Example of Before Events
 - Programming After Events

- **Working with Web Parts**
 - Building a Simple Web Part
 - Persisting Properties
 - Editing Properties in Editor WebPart
 - Developing Custom Editor WebPart
 - Composite Web Part
 - Visual Web Part
 - Web Part Communication.

- **Sandboxed Solutions**
 - What is Sandboxed Solution.
 - Comparing Farm Solution with Sandbox Solutions.
 - Benefits of using sandboxed solutions.
 - To enable sandboxed solutions by using Central Administration.
 - Create a Sandboxed Solution Project with a web part.
 - Build and Deploy the Sandboxed Solution.
 - Using Windows PowerShell for Administration Sandboxed Solutions.

- **InfoPath**
 - About InfoPath 2010
 - Creating SharePoint list and Publishing in SharePoint site
 - Creating Form and Publishing to SharePoint site
 - Deploy Form Templates That Contain Form Code That Requires Full Trust
 - Writing Custom Code in InfoPath Form
 - Walkthrough to Delete SharePoint list items from InfoPath form

- **Business Connectivity Service**
 - Creating a BDC Project in VS.NET
 - Working with Entities and Methods
 - Type Descriptor
 - Using Data in External List
 - Granting Permissions to the BDC List.

- **Workflow**
 - What is Workflow
 - SharePoint Workflows
 - 3-State Workflow
 - Approval Workflow
 - Custom Workflow: Role of Visio 2010, SharePoint Designer 2010 and VS-2010
 - Building Workflow with Visio 2010
 - Building Workflow with SharePoint Designer 2010
 - Developing Workflow with Visual Studio 2010
 - Adding Association Forms in Visual Studio 2010

- **SharePoint Designer**
 - Introduction to SharePoint Designer 2010
 - Creating / Opening a site in SPD 2010
 - Creating / Customizing Lists and Libraries
 - Ghosted and Unghosted Pages
 - Understand Master Pages
 - Branding SharePoint 2010