

SilverLight Curriculum

(Total: 18 Hrs)

Introducing Silverlight

2 Hrs

- What is Silverlight?
- Why Silverlight?
- Silverlight Architecture
- Which environment support SL
- Difference between Silverlight and WPF
- Tools required developing Silverlight applications
- What is XAML ?
- Page.xaml file
- What is app.xaml ?
- What is .xapfile ?
- Silverlight Sample application
- Files created by Visual Studio by default
- Build and run your Silverlight hello World application

Silverlight UI controls

2 Hrs

- Layout Controls
- Grids
- Getting started with XAML tags
- How to set default .xaml page in a Silverlight control
- How to open XAML pages from another XAML page ?
- Open a specific xaml page from a Silverlight control

Styles, Templates and Visual State Manager

3 Hrs

- Setting Styles In-Line
- Setting Styles as Properties in Blend
- Setting Styles as Resources
- Creating a Style Resource
- Applying the Style
- State and State Group

Accessing Session Variables

2 Hrs

- How to display image in a Silverlight control ?
- How to drag and move an image or object in Silverlight ?
- How to pass parameters to Silverlight controls from ASP.NET pages ?
- Access Session variables from Silverlight controls

Expression Blend for Developers

2 Hrs

- Why Expression Blend
- How to set Styles, Templates and State Management

Accessing Database using WCF and Web Service

5 Hrs

- Introduction to DataBinding in Silverlight
- Data bindings to controls
- Silverlight databinding examples- BindingMode Enumeration
- Creating and consuming WCF Service in Silverlight
- Creating and consuming Web services in Silverlight
- Example: Consume WCF Service / Web Service and bind the data to a DataGrid in Silverlight.

Silverlight Navigation Framework

2 Hrs

- Silverlight Navigation Application template
- Frame and Page controls
- NavigationService and NavigationContext

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