



SecuLabs

ASP.NET Module

(6 Months)

Overview of ASP.net

1. Features of ASP.net
2. Creating an ASP.net web application
3. Create, build and view an ASP.net web form

Using Controls

1. Using Server controls
2. Using Client controls

Using Navigation Controls

1. Using Tree View control
2. Using Menu Control
3. Using Sitemap Path

Adding code to ASP.net Web Form

1. Using code behind pages
2. Adding event procedures to web server controls
3. Using page events

Adding functionality to a Web Application

1. Creating Page Load event procedure
2. Creating Click event procedure

Validating User Input

1. Overview of user input validation
2. Using validation controls
3. Page validation
4. Required Field Validator control
5. Validation Summary control
6. Compare Validator control
7. Regular Expression Validator control
8. Range Validator control



Using Master Files

1. Creating Master Pages
2. Applying styles to web pages
3. Applying themes
4. Using Skin files

Creating User Controls

1. Creating web user controls
2. Adding web user controls to an ASP.net web forms

ADO.net

1. Connecting with database using ADO.net
2. Connected & Disconnected approach
3. Using stored procedure in ASP.net application

Using Data Controls

1. Data Grid control
2. Details View
3. Form View
4. Repeater control
5. Data List control

Managing State

1. Application & State Management
2. Application variables
3. Session variables
4. Cookies
5. Caching Mechanism

Tracing in Web Application

1. Understanding Tracing
2. Implementing Tracing

Security in Web Application

1. Web application security overview
2. Authentication & Authorization