

# Code Repository Exercises

## Navigation

**Purpose:** The purpose of this exercise is to familiarize you with ASP.NET navigation controls. You will implement Menu, Treeview, and SiteMapPath controls and see how these use the Web.Sitemap XML file and the SiteMapDataSource to provide a navigable structure for your Web application.

**Directory Name:** Navigation

### Instructions:

1. Download the starting files for this exercise. Place the *Web.sitemap* XML file in the **root directory** of your code repository application (**not** the directory created for this exercise). Place all other files in the *Navigation* directory created for this exercise.
2. Open the Web.sitemap file and browse through its contents. Try to figure out the structure that it creates for the application's files.
3. Add a SiteMapDataSource, a TreeView, a Menu, and a SiteMapPath control to the *MasterPage.master* file that you downloaded (html comments denote where each of these controls should go). Set the *DataSourceID* property of the TreeView and Menu to the ID of the SiteMapDataSource control. Apply a formatting template to the TreeView, Menu, and SiteMapPath controls using the smart tag in design view. Feel free to add any additional formatting you would like.
4. Run the application to verify that all navigation controls work as expected.
5. Add an additional "branch" to the Web.sitemap file that will represent pages for 'Consulting'. The root of this branch should be at the same level as the *Writing*, *Programming*, and *Training* nodes in the existing SiteMap. The structure should be as follows:
  - Consulting.aspx (title="Consulting", description="Consulting")
    - ApplicationAnalysis.aspx (title="Application Analysis" description="Analysis")
    - ApplicationDesign.aspx (title="Application Design" description="Design")
    - Mentoring.aspx (title="Mentoring" description="Team Mentoring")
6. Re-run your application to verify that the navigation controls include the additional 'Consulting' branch.

**Header on Default.aspx:** Navigation

**Pages linked from Default.aspx:** *Welcome.aspx*