# Project Setup

ODP Taxonomy project is setup for .NET 4.0 in Visual Studio 2010.

The source code is stored in “SourceCode” directory in Git ([git@github.com:IQ-Solutions/odp-taxonomy.git](mailto:git@github.com:IQ-Solutions/odp-taxonomy.git)).

*ODPTaxonomyWebsite* is the main website project in solution.

## Coding Conventions

Developers should use LINQ to SQL for data access layer (DAL).

Each developer is free to create additional class library projects for DAL and business layer (BL) needed for the website part he/she is coding.

## Compilation

Use *Publish* feature in Visual Studio 2010 to compile the site. Compiled version is stored in “CompiledWebsite” directory in Git. Compiled version should be deployed to each environment. Use an appropriate web.config file from “SourceCode” directory in Git (Web.Dev.config, Web.Test.config, etc.)

## Passing user’s current role between web pages

**Session["CurrentRole"]** object is updated each time the user clicks action buttons/links on homepage or navigation menu. The object contains the value from *RoleName* column of *aspnet\_Roles* table.

## Passing AbstractID value from View Abstract List to View Abstract

AbstractID is passed as URL parameter. URL format:

/Evaluation/ViewAbstract.aspx? AbstractID=1(any number).

This is true for both Review List (a set of Abstracts available for coding) and for any kind of reports/lists generated on ViewAbstractList.aspx page.

## Data Exchange between View Abstract and Evaluation pages

“ODPTaxonomyCommon” class library project contains definition for ViewAbstractToEvaluation class. An instance of ViewAbstractToEvaluation class is saved into **Session["ViewAbstractToEvaluation"]**. ViewAbstractToEvaluation object passed inside the session has 4 properties:

int EvaluationId;

Guid UserId;

int SubmissionTypeId;

Mode ViewMode;

Users could come to View Abstract page for 2 reasons: to view previous submissions or to do coding. When one of the links to Evaluation page is clicked, the Mode is set to “View”. In this case all values from Session object should be read and used on Evaluation page. If the user clicks “Code Abstract” button, the Mode is set to “Code”. In this case only EvaluationId, UserId, and ViewMode values passed inside session should be used on Evaluation page. SubmissionTypeId is generated on Evaluation page as this page controls the logic to Consensus and Comparison actions.

## Environments

### DEV

**Access URL:** http:// odptaxonomy-dev.demo.iqsolutions.com

**Web server:** 192.168.7.4

**Application Directory:** C:\Inetpub\Demo\ODPTaxonomy\_DEV

**Database Server:** 10.7.5.234 (1sql234.iq.solutions.com)

**Database Name:** ODP\_Taxonomy\_DEV

### TEST

**Access URL:** http://odptaxonomy-test.demo.iqsolutions.com

**Web server:** 192.168.7.4

**Application Directory:** C:\Inetpub\Demo\ODPTaxonomy\_TEST

**Database Server:** 10.7.5.234 (1sql234.iq.solutions.com)

**Database Name:** ODP\_Taxonomy\_Test

### DEMO

**Access URL:** http://odptaxonomy.demo.iqsolutions.com

**Web server:** 192.168.7.4

**Application Directory:** C:\Inetpub\Demo\ODPTaxonomy\_DEMO

**Database Server:** 10.7.5.234 (1sql234.iq.solutions.com)

**Database Name:** ODP\_Taxonomy\_Demo

## Website Structure

/Login.aspx – login page for the site

/Default.aspx - homepage

/Scripts – JavaScript files should be placed here

/Styles – CSS files should be placed here

/Images

/AccountManagement – this folder contain web pages related to User Accounts

/Evaluation– this folder contain web pages related to Evaluation Process

/log – Errors catched by application code should be saved to text files located here

/404-error.html – custom error page for 404 errors

/ErrorPage.html – custom error page for server errors other than 404

\_App\_Offline.htm – page used to take the site offline during deployment. Rename it to App\_Offline.htm to take application offline.

## Exception handling on webpages

All errors catched by the *catch* block inside the page’s code should be logged. Create a new .txt file with exception details and save it to /log directory. Developers could use the following method or write their own:

ODPTaxonomyUtility\_TT.Utils.LogError(ex)

## Firebase configuration for Real Time Consenus and Comparison

Please add the Firebase configuration URL to the web.config file in the respective environments. This URL might change for the production environment.

<appSettings>

<clear/>

<add key="emailFromAddress" value="jchan@iqsolutions.com"/>

<add key="firebaseConfig" value="https://intense-fire-1108.firebaseio.com"/>

</appSettings>