Namespaces

Usage

Make use of `using` directives to enable improved readability and limit coding effort.

```
// Not making use of using directive
namespace MyTestProgram
{
   public class MyTestClass
   {
      private void DoSomething()
      {
         if(!System.IO.Directory.Exists("C:\\TestFolder\\");
            System.IO.Directory.CreateDirectory("C:\\TestFolder\\");

         var files = System.IO.Directory.GetFiles("C:\\MainFolder\\", "*.txt");
         var fileNames = new List<string>();

         foreach (var file in files)
         {
            fileNames.Add(System.IO.Path.GetFileName(file));
         }
      }
   }
}

// Making use of using directive
using System.IO;
namespace MyTestProgram
{
   public class MyTestClass
   {
      private void DoSomething()
      {
         if(!Directory.Exists("C:\\TestFolder\\");
```

```
            Directory.CreateDirectory("C:\\TestFolder\\");

        var files = Directory.GetFiles("C:\\MainFolder\\", "*.txt");
        var fileNames = new List<string>();

        foreach (var file in files)
        {
            fileNames.Add(Path.GetFileName(file));
        }
    }
  }
}
```

Aliasing

Use aliasing to prevent ambiguous references if different namespaces have objects with the same name.

```
using DataDomain = SignifyHR.Data.Domain;
using Domain = SignifyHR.Domain;
using SignifyHR.Helpers;

namespace SignifyHR.Learning
{
  public class HaveFun
  {
    public bool IsFun(int activityId)
    {
      var activity = Domain.Activity.TryFetch(activityId);
      var rules = DataDomain.Activity.SelectActivityPathwayRuleItemsList(new SessionHelper(), activityId);

      return activity != null && rules != null;
    }
  }
}
```

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