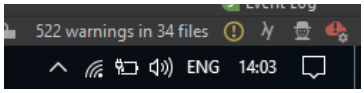
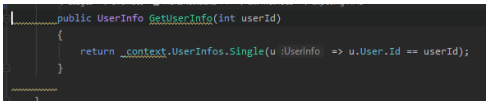
StyleCop

After installing and running StyleCop, the total number of errors was:

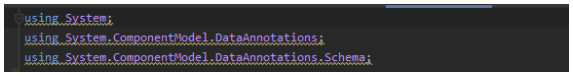


Most of these warnings at DAL, BLL and PL levels are of the following types:

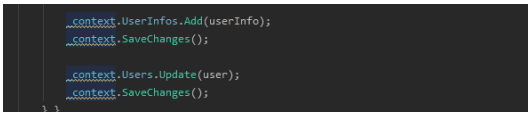
- **Elements should be separated by blank line, code should not contain trailing whitespace:**



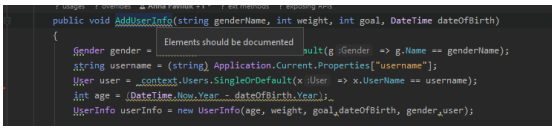
- **The file header is missing or not located at the top of the file:**



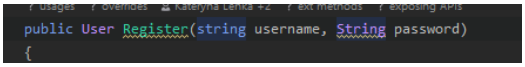
- **Prefix local calls with this:**



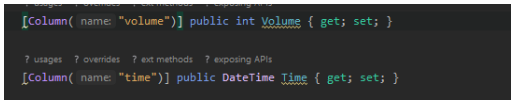
- **Elements should be documented:**



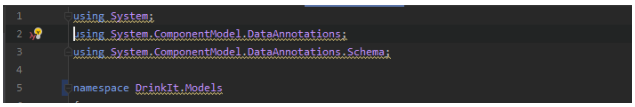
- **Use built-in type alias:**



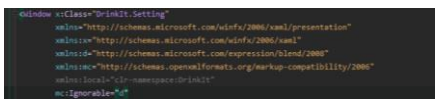
- **Each attribute should be placed on its own line of code:**



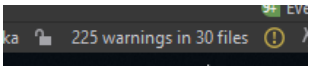
- **Using directive should appear within a namespace declaration:**



- **Namespace alias 'local' is not required by code and can be safely removed**



After correction the code the total number of errors was:

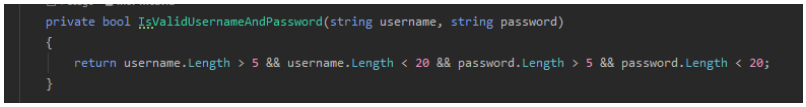


And now :

Each attribute is placed on its own line of code:

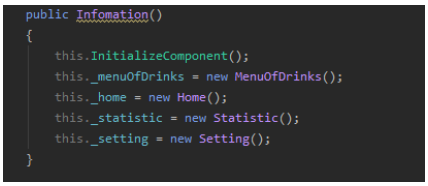
```
[Key]
[Column( name: "id")]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public int Id { get; set; }

[Column( name: "name")]
[Required]
1 usage
public string Name { get; set; }
```

Built-in type alias is used everywhere:



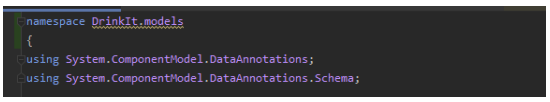
```
private bool IsValidUsernameAndPassword(string username, string password)
{
    return username.Length > 5 && username.Length < 20 && password.Length > 5 && password.Length < 20;
}
```

Prefix local calls with this:



```
public Infomation()
{
    this.InitializeComponent();
    this._menuOfDrinks = new MenuOfDrinks();
    this._home = new Home();
    this._statistic = new Statistic();
    this._setting = new Setting();
}
```

Using directive appears within a namespace declaration:



```
namespace DrinkIt.models
{
using System.ComponentModel.DataAnnotations;
using System.ComponentModel.DataAnnotations.Schema;
```

Besides elements are separated by blank line, code does not contain trailing whitespace and there are no unused namespaces.