

**COT 6931 Coding Standards**



Food Giant Sales Flyer Generator



# Revision History

|  |  |  |
| --- | --- | --- |
| Revision # | Date | Changed Items |
| 1 | 03/04/2017 | Initial Creation |
|  |  |  |

# Overview

This document’s purpose is to be a quick reference on now to create and name all components in the Food Giant Flyer program. This document contains brief descriptions of variable capitalization terms and a table of all commonly used program components for the Food Giant Flyer Project and what their suffix should be. This is to enforce a consistent, maintainable design.

Please see <https://msdn.microsoft.com/en-us/library/ff926074.aspx> and https://msdn.microsoft.com/en-us/library/ms229043(v=vs.100).aspx for an initial primer of how Capitalization Conventions should be done. We are enforcing **Camel Casing** in the Food Giant Flyer program.

# Variable Capitalization

Variable names in classes should be structured like variableName.

Global Private variables must be spelled like \_VariableName.

Global Public variables must be spelled like VariableName.

This is commonly used in binding objects for Caliburn, like so:

private ComboBoxItem \_UserAccountCmboBox;

public ComboBoxItem UserAccountCmboBox {}

Please see <http://caliburnmicro.com/documentation/naming-conventions> for conventions for how MVVM affects class names. Following this structure is **mandatory** for Caliburn’s class naming system. You will not be able to bind the View to the View Model if your classes do not adhere to this convention.

# Coding Standards Table

|  |  |
| --- | --- |
| Component | Suffix Required |
| Class | ClassName |
| View | View |
| ViewModel | ViewModel |
| Model | Model |
| Combo Box | CmboBox |
| Combo Box Item | CmboBoxItm |
| Label | Lbl |
| Button | Btn |
| Text Block | TxtBlk |
| Text Box | TxtBox |
| Border | Bdr |
| Image | Img |
| Grid | Grd |
| Content Control | CntntCtrl |
| Visibility | Vis |
| Menu Item | MnuItm |