

Coding Style Agreement Form

- You do not have to change the names of objects that were created by using the Visual Studio designer tools to make them fit other guidelines.

Layout Conventions

- Use the default Code Editor settings (smart indenting, four-character indents, tabs saved as spaces). For more information, see [Options, Text Editor, C#, Formatting](#).
- Write only one statement per line.
- Write only one declaration per line.
- Add at least one blank line between method definitions and property definitions.

Commenting Conventions

- Place the comment on a separate line, not at the end of a line of code.
- Place a comment above each method, defining the purpose of it

Naming Conventions

- Methods, classes, and variables should be properly named, meaning **self-descriptive**.
- Other than constants, variables and function should be in **camel-case**
 - Ex: `private String thisIsString = "Hello World!"`
- The constant variables should be named all capital letters and underbar separating each word in the name.
 - Ex: `private static String BLANK_STRING = ""`
- Class names should have the first letter of each word capital.
 - Ex: `public class Student{ }`
- Avoid names with similar meaning

Process (User should already be connected to GitHub Repository)

1. Pull most the recent branch of the project down onto your local machine using github desktop
2. After opening the branch on Visual Studios,

Process:

1. Team Members pull the repository, specifically the most recent branch
2. Create a new branch
 - a. Name it after what you will be working on
3. Save the work
 - a. Make sure **all** your changes have been saved!
4. Add all the saved work to this newly created branch
5. Commit this newly created branch
6. Push this branch to the GitHub repository
 - a. Make sure repository accepts the branch. If it declines the branch go through repository to make sure it lines up.
7. Code review by all team members
 - a. Review code based off of the coding style agreement, look for ways to optimize
8. Merge with master

Electronic Signatures:

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