CS 225 Style Document

Goals

This document serves to provide basic rules and guidelines for how the code is written for our CS 225. It will define naming conventions, techniques, and scripting practices that will be used in our code.

Header Files

* Header files provide class definitions. They will not provide function definitions.

Source Code Files

* Source code files will include class body definitions

Main Code File

* The main code file will provide the implementation of the source code and header files.

Comments

* Large comment blocks will be placed at the beginning of each Script describing the purpose and functionality of that script.
* Inline comments will be placed frequently to assist in clarifying each section of the code.

Variables

* Naming Style: All variables will be named using Camal Casing
* Naming Guidelines: All variables must be given descriptive names that are relevant to their use.
* Protection Guidelines: Variables will be made private when their use strictly resides within their class. They will be made public if they have use beyond that scope and it is impractical to keep them private.

Functions

* Naming Style: All Functions will be named using Pascal Casing.
* Naing Guidelines: Function names must be descriptive and indicative of their use.
* Use Case Guidelines: Functions will be written to perform singular distinct tasks that do not rely on other functionality from the program. This will be done for the purpose of function reuse.