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A8 - ‘Sprite Editor’ Code Style Document

General Rules:

**Constant values all caps:** All constants will be named in all caps.

**Method names verbs:** All method names will be verbs.

**Class names nouns:** All class names will be nouns.

**‘Auto’ can be used when needed:** When working with complex data types, the keyword ‘auto’ will be used.

**Brackets go on a new line:** All brackets will be put on their own line(If statements, for loops, ect).

**Always brackets for one line statements:** All if statements and for loop bodies will be put in brackets(even if they’re one line).

**File comment on all files:** All files will contain a header comment describing its contents.

**Method comments on all methods:** All methods will be given a header comment written in standard c++ format.

**Inline comments for complex code:** In-line comments will be provided for complex code. However, writing self-documenting code will be prioritized.

**Use ENUMs whenever appropriate:** Whenever appropriate, enums will be used.

**Use TODO:** TODO comments will be used to mark tasks that still need to be completed.

**Remove duplicate code:** Duplicate code will be minimized through the use of helper methods and built in functionality.

**Split between header and implementation files:** Each class will be split into a .h and .cpp file. With all the implementation inside the .cpp file.

**Remove excess qWarning statements:** When they’re no longer needed, excess qWarning statements are to be removed.