

# Code Style Document

## **Naming Rules:**

Variable names should be descriptive and abbreviations should be avoided. CamelCase should be used instead of underscores.

Constants should be declared in all caps with underscores.

Member variables should have an underscore at the end.

Method names should be descriptive and start with a lowercase letter. CamelCase should be used instead of underscores.

Class names should be capitalized nouns.

## **Indenting and Whitespace Rules:**

Standard indenting conventions should be used.

There should be a line of whitespace before and after each function to improve readability.

Long methods with multiple parts should have a line of whitespace separating each line.

Curly braces for blocks of code should start on the line where the method/statement is declared and end on the line below the last line of code in the method (Egyptian brackets).

## **Commenting Rules:**

Each method should have a comment above it explaining what the method does and how it interacts with the rest of the program.

Any ambiguous line of code should have a comment explaining its purpose.

Methods and member variables in header files should have comments explaining their general purpose.

## **Source File Responsibilities:**

Frame.cpp and frame.h: Melody

Model.cpp and model.h: Brayden

View.cpp and view.h: Torin, Christian, and Kira