Coding Standards

Naming Conventions

- Use descriptive and specific names.

- CamelCase for classes; snake_case for variables and functions.

- Prefix model attributes with m_ and form attributes with f_.

- Class names should end with 'Model' or 'Form' where applicable.

- Constants should be in ALL_CAPS_WITH_UNDERSCORES.

- Boolean variables should start with 'is', e.g., isVisible.

Code Layout and Indentation

- Use 4 spaces per indentation level.

- Avoid tabs; prefer spaces.

- Limit lines to 79 characters.

- Use consistent line breaking practices.

- Add blank lines between top-level classes and methods.

Whitespace Rules

- No space inside parentheses, brackets, or braces.

- No space before a comma, semicolon, or colon.

- Add space around low-priority operators.

Documentation & Comments

Coding Standards

- Use docstrings for public classes and functions.

- Place one-liner docstrings on the same line.

- Keep comments updated and relevant.

Access Modifiers

- Public: Accessible everywhere.

- Protected: Prefix with a single underscore (_).

- Private: Prefix with double underscore (__).

References

[PEP 8 - Style Guide for Python Code](#)

[VisualGit Naming Convention](#)

[SWE Wiki Coding Standards](#)

[GeeksForGeeks: Access Modifiers in Python](#)