



# Group 5

## Project 3 Presentation 2

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## Phase 2

- Export to multiple graphics formats
  - .png and .jpeg
- Add themes
  - Dark mode, light mode, and user definable
- Change size of the diagram editor window
- Implement test spy

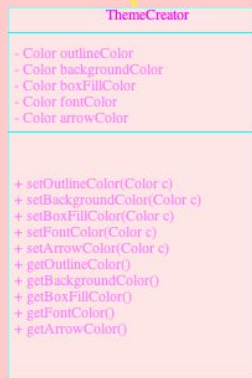
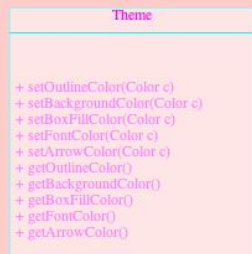
## Phase 3

- Saving and Loading to Python/Java
- Exporting to Python/Java skeleton code
- Undo/Redo
- Change size of class boxes in the diagram

# Overall Design (+Updates)

- Returned to the Decorator pattern
- Visitor pattern for painting
- Interface for creating the themes
- Strategy for exporting jpg, png files
- Attempted Memento for undo/redo
- Observer (Document-View)

# Themes

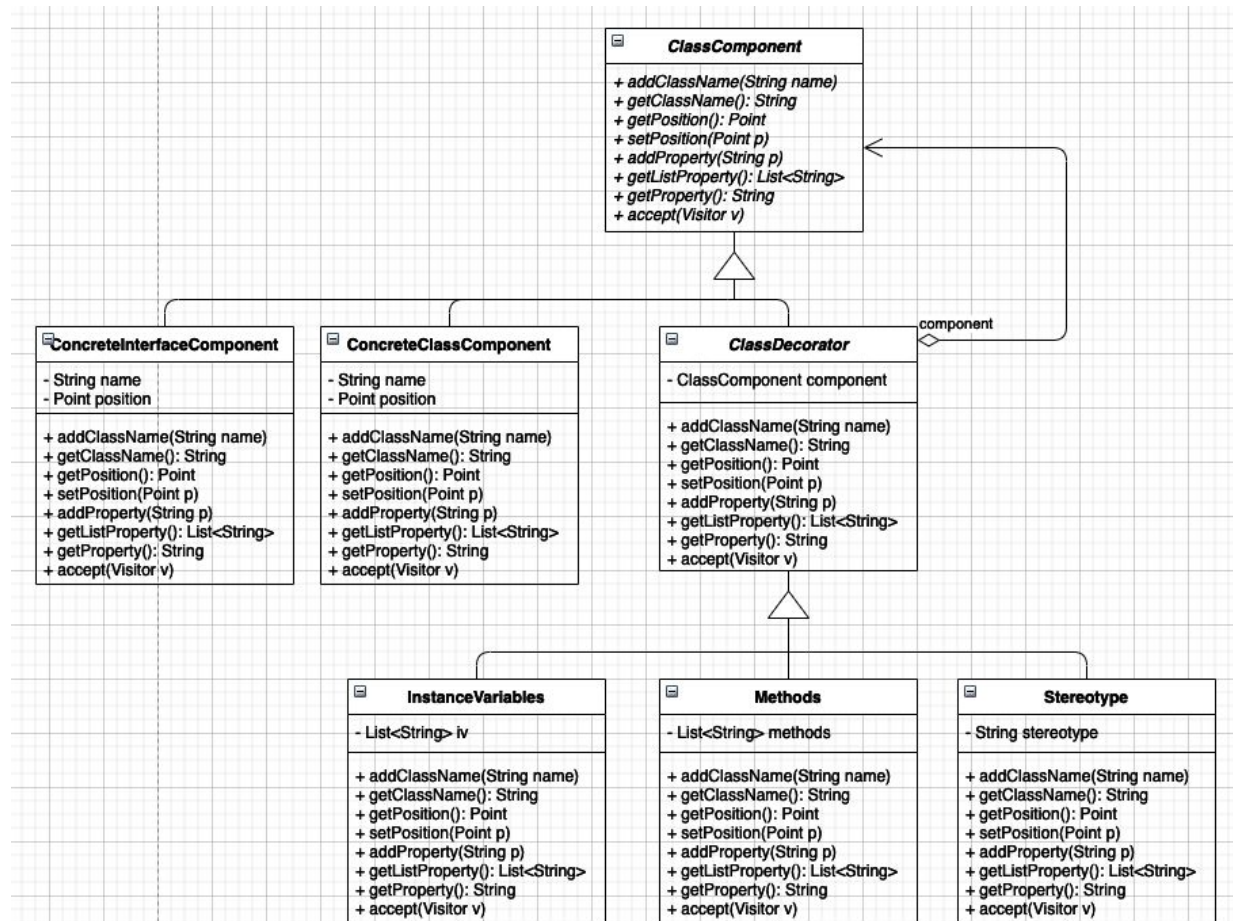


Add Class

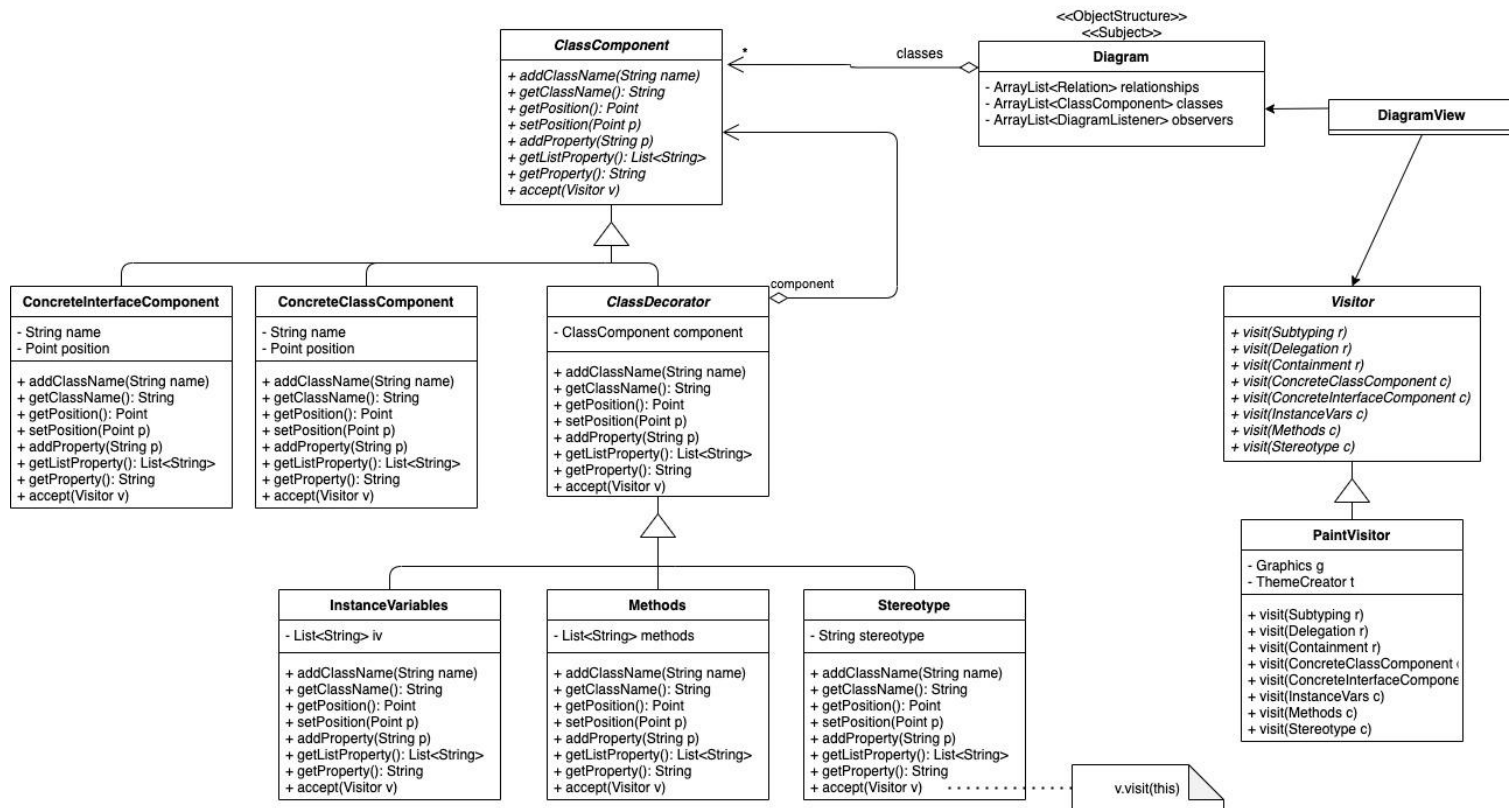
Add Interface

Add Relationship

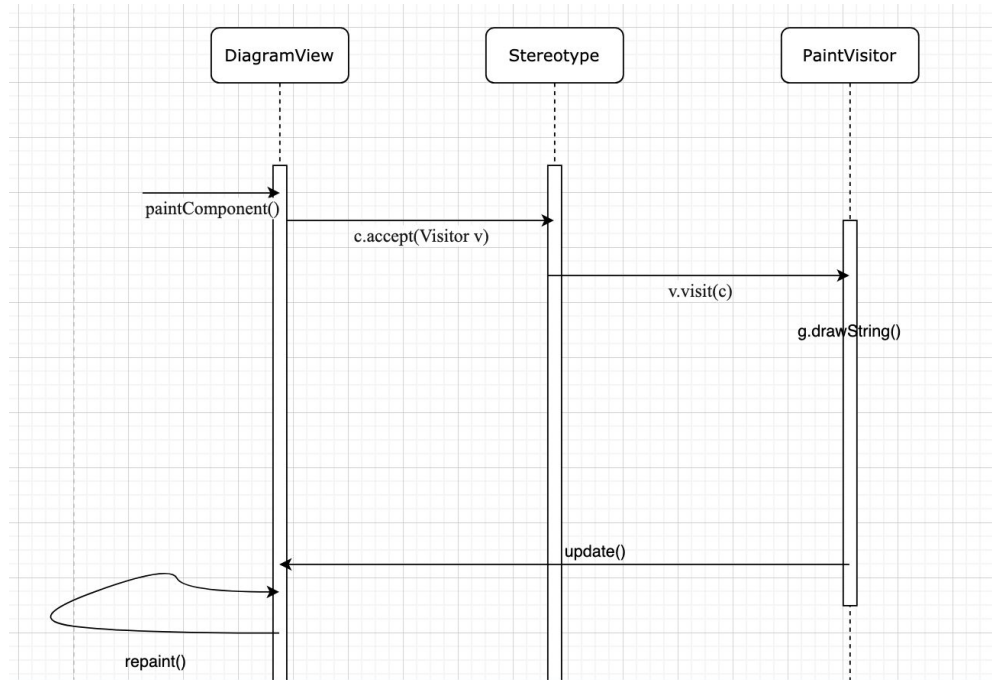
# Decorator



# Visitor



# Interaction Diagram for Adding a Stereotype



# Demo