Final Project Proposal
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Idea:

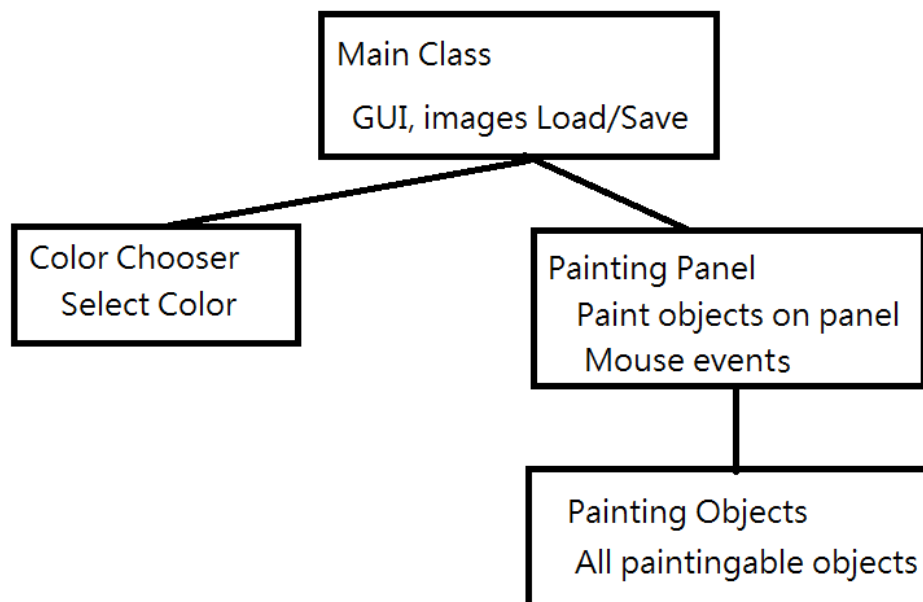A program can paint, like Microsoft Paint, but has less tools.

Structure

Main class for GUI ,load img, save img.
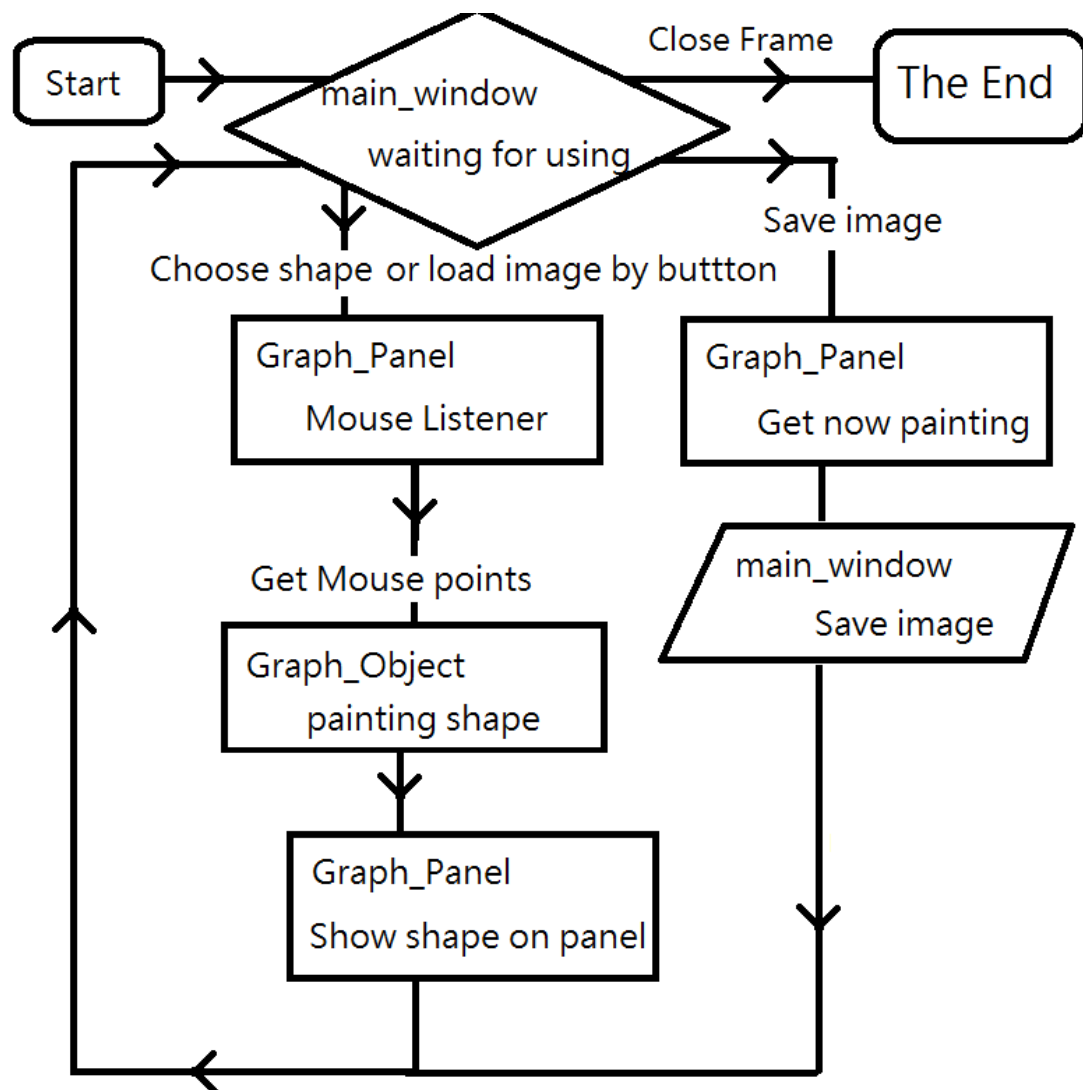
One class for painting on panel and mouse event.

One class for painting objects.

One class for color choose.

```
                  ┌─────────────────────────┐
                  │ Main Class              │
                  │   GUI, images Load/Save │
                  └─────────────────────────┘
                    /                    \
  ┌──────────────────────┐      ┌───────────────────────────┐
  │ Color Chooser        │      │ Painting Panel            │
  │   Select Color       │      │   Paint objects on panel  │
  └──────────────────────┘      │   Mouse events            │
                                └───────────────────────────┘
                                              │
                                ┌───────────────────────────┐
                                │ Painting Objects          │
                                │   All paintingable objects │
                                └───────────────────────────┘
```

Flow chart

Simple GUI