

Stickfigure Animator Requirements Analysis Document

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Overview:

This program will allow a user to draw frames and compile them into an animated GIF or video file. The program will allow the user to create or use built-in shapes that have nodes that the user can manipulate so avoid having to redraw shapes over and over. Also, the program will be able to overlap previous and future slides over the current one by applying various levels of transparency to the overlapped slides.

Functional Requirements:

- Free hand drawing
- Line drawing
- Circle drawing
- Erasing
- Previous frame layered behind current frame
- Combine images into a .gif or .mp4 file for later viewing

Nonfunctional Requirements:

This program will have to be relatively easy to use. This program will also have to run relatively fast under normal conditions.