Minimally Viable Product

The MVP for this project will be a webpage that simulates black paper scratch art. The user will be presented a black screen upon visiting the URL and by using their mouse they will be able to “scratch” off the black and reveal the psychedelic colors that have been generated “underneath” of the black area. The user will then be able to draw whatever they want on the page and then download the image once they are finished. Upon refreshing the webpage the drawing surface will be refreshed and will be solid black once more. The colors underneath the black area will be randomly generated in order to provide a unique drawing experience every time.

Milestone Goals

1st Milestone

* Have basic website design set up
* Psychedelic color generator for each session. Fractals could be used to create the color patterns.

2nd Milestone

* Black paint and the ability to scratch it off with the mouse. Holding down the right mouse button will activate the mouse and the black paint will be “scratched” off.
* Implement multiple settings for user to play around with. This would include colors and designs, etc.

3rd Milestone

* Multiple sessions established with a threaded server design and the ability to download your art once you have finished with a session.
* Have website finished

Opportunities for Features beyond MVP

* Forum based organization for art to post and have art rated and downloaded by others.