Reagan Kan

Robinette

AP Computer Science, Period 4

May 12, 2017

Final Project Proposal

Objectives for Submission 1: Friday, May 26th

1. Follow video tutorial to create a basic messaging program between a server and client

Tutorial Link: https://www.youtube.com/watch?v=pyqThWRHiHA

2. Understand Socket class

Reference Link: https://docs.oracle.com/javase/tutorial/networking/sockets/

3. Adjust messaging program GUI

4. Implement image transfer, emojis

5. Learn to use threads

Reference Link: http://stackoverflow.com/questions/9664036/how-to-run-two-methods-simultaneously

Objectives for Submission 2: Friday, June 9th

1. Provide options for altering image before sending

Reference Link: https://docs.oracle.com/javase/tutorial/2d/

2. Access built-in camera to take a selfie

Reference Links: https://github.com/bytedeco/javacv   
http://ganeshtiwaridotcomdotnp.blogspot.com/2017/01/javacv-configuration-in-windows.html

3. Combine graphics and camera techniques to add filters to selfie before sending.