Cameras Revenge

User documentation

Cameras Revenge is an Image editing tool that can take photos from an available camera editing or load images to edit.

The main editing tools are:
- Adjust Brightness
- Adjust Red Contrast
- Mirror Image
- Invert Colours
- Grey Scale Image
- Adjust Blue Contrast
- Adjust Green Contrast

Additional non-editing features are:
- Undo/Redo capabilities
- Camera Capture Delay
- E-Mail with multiple attachments
- Open/Save Image
- Size Adjust without loss of quality

The program doesn't rely on any external libraries but I did incorporate some code I found online for the SMTP email feature which can be found here[1]. From that code I added a GUI interface for inputting the recipients email address, subject, body and a file dialog that enables the user to attach multiple files to the email. The SMTP feature worked fine when I was testing at home but I found that in the lab the connection would be refused when trying to use it on either of the platforms.
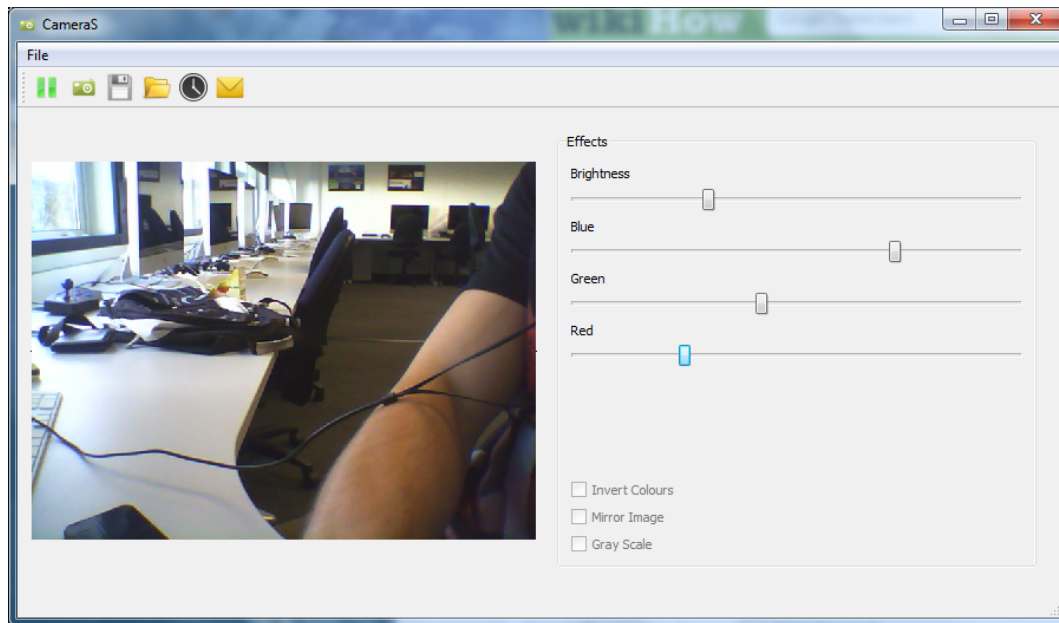
The only other feature with a bug is the grayscale check box which if unchecked doesn't undo the gray scale edit, however using the undo command I built in does undo the edit.
Other than that there are no bugs in the program.

For more detailed information on the features and how to use them please see the GUI Design.docx which explains what each of the features on the interface does.

[1] http://www.qtcentre.org/threads/2221-Sending-email-using-Qt

The application has been tested on two platforms; Windows and Mac. It works bug free on both and below are some examples screenshots demonstrating different features.

Here is a screenshot of the application in Windows with the camera on.

Here is an example of an edited image in Mac with a larger screen to illustrate the resizing capabilities.