

September 15, 2009

- Added basic GUI
- Added "About" box with basic information

September 17, 2009

- Added functionality to buttons
- Broke scaling functionality

September 22, 2009

- Added scrollbars (not fully functional yet)

September 23, 2009

- Revised scrolling
- Added a basic zoom functionality (20/50/75/100 percent)
- Added basic information about picture (height, width, filename)
- Debugged NULL commands (ex. saving a picture before opening one)

September 24, 2009

- Added rough iteration of rotate
- Added first functional pop-up box that requires user input (degrees to rotate)

September 29, 2009

- Revised rotate function (Does not keep the original image in the background and now shows the entire image after the rotate)
- Bug: Rotate moves the picture from the top left to bottom right of the viewing area

September 30, 2009

- Refactored overall code
- Improved behavior of zooming while rotating or vice versa
- Fixed bug found on September 29, 2009

October 1, 2009

- Added Doxygen comments to the code to generate program documentation via HTML
- Improved zooming by asking user for percent of zoom as opposed to a fixed value
- Added resize functionality

October 6, 2009

- Added first rough draft of the user manual
- Note: Class presented projects

October 7, 2009

- Revised manual (Added getting started and FAQs)
- Added download link on homepage to download working copy of program
- Added rough iteration of undo and redo

October 8, 2009

- Refactored overall code (Added ShoppedGui.cs)

October 13, 2009

(Lecture)

October 14, 2009

- Refactored ShoppedGui.cs. Extracted methods into classes in core
- Fixed newfound bug: Image would stop rotating after rotating so many degrees
- Fixed newfound bug: Image Zoom/Rotate/Resize would behave irrational after use of all 3 (Rotate, Resize, Rotate)
- Added Doxygen comments
- Removed TempImage entirely from the project
- Replaced TempImage with new logic and a more robust CurrentImage (more properties)

October 15, 2009

- Centered dialog boxes
- Created ImageHistoryItem, a simple class that is now used in the list for ImageHistory
- Added current zoom level to SetAdditionalInfo() in ShoppedGui
- Added a brief description to each action performed in Shopped, used in ImageHistoryItem
- Added a tooltip to Undo/Redo that tells the user what the previous/next operation is
- Added Grayscale filter

October 20, 2009

- Note: Class presented projects

October 21, 2009

- Revised Undo/Redo (Still not perfect, yet)

October 22, 2009

- Added Nunit testing to our project
- Added PictureBoxTester.cs for Nunit

October 27, 2009

- ImageHistory is now tested
- Added bat file to open Shopped project in Visual Studio
- Modified ImageHistory to use PictureBoxImage instead of Image
- Starting adding tests for ImageHistory
- Undo/Redo one step closer to working (Thanks to testing functionality)

October 28, 2009

- Moved ImageHistory logic out of SetUndoAndRedo method in ShoppedGui into 1
ImageHistory
- Added unit tests for these new methods
- Undo/Redo almost perfected

October 29, 2009

- Added more testing functionality
- Added Filters option for Grayscale and now Sepia (Sepia currently doesn't work)

November 3, 2009

- Changed Interface to not pass in a PictureBoxImage object
- Updated manual and added "Source" index
- Added call to SetAdditionalInfo when undo or redo is used (to update the info at the
bottom of the GUI)
- Fixed bug in ImageZoom where an extra call was being made to ImageRotate
- Created batch file to view the logging done in our program
- Added invert and brightness filters
- Bug: Zoom/Rotate seem broke when filters are applied before zooming or rotating
- Note: Class presented projects