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Software Development 1

February 16, 2017

Project Proposal

For the final project my plan is to create a zip folder application that will be able to compress files and store them in a zip folder so that they can be extracted later for other purposes. My plan is to make this application specifically for images because I find that when I use my parents' or older family members' computers, they have all of their photos stored on their desktop and I think that both of us would benefit from an easy system of storing and organizing photos and decompressing them for viewing later. How I plan to create this application is to make it on eclipse and import the files in so that they can be compressed into a zip file and would also be able to be extracted to their original places and be able to be viewed in its full original quality instead of possibly losing some of the quality during the compression and extraction processes. I would like this project to resemble the same capabilities as an application such as power archiver or a 7zip program. This application that I create should be able to hold multiple files or images and should be able to have new ones added with already existing ones in the zip folder and should be able to decompress multiple images at the same time to save the user of the program time rather than having them extract one at a time. This program should also be simple to use for someone who does not understand how zip files work. Most importantly this zip folder system should be able to keep the image files safe and must be able to store them without losing the images or have the code break while in use.