REU 2010 Final Delivery Check List

Due 5:00 p.m. of Friday, August 6, 2010

Please create an organized file structure to save all your work. Do not put everything into one folder! When you are done with all the items, please burn a CD to save all your work and turn in the CD to Dr. Qi by 5:00 p.m. of August 6. Note: Dr. Qi will provide a blank CD for you.

1. ContentList.txt:
This file should contain the content list of each folder.

2. Self-commented source code
This source code should be the implementation of your final project. The comment should correspond to the pseudo-code or methodology written in your report. In addition, the comment should contain the improvements, the changes, the special data structures, and other necessary statements which help the reader to understand your code.

Please have a file named **README.txt** to document **at least** the following information:

- The step(s) to run your code.
- The approximate time to execute your code.
- Any **improvement** you made on the original approach proposed in the paper (Please write a short paragraph to analyze such improvements).
- Any **change** you made on the original approach proposed in the paper (Please write a short paragraph to analyze such changes).
- Any special data structure that you have designed for solving the problem.
- Any difficult issues you have encountered during the implementation and the approaches you have tried to solve the problems.
- The comparison between your modified approach and the original approach proposed in the paper.
- Any other issues you would like us to know.

3. Other self-commented source code
This source code should be some trial implementation of your other thoughts, which never be fully used in your project. The comment should correspond to the pseudo-code or methodology you are based on. In addition, please comment at the beginning of the main program with the following information: where you got the idea (i.e., the source of the paper or website for your idea), some analysis statement why this idea failed to solve the problem, and any other ideas you think that maybe useful to make your system better.

4. The images (training images and test images) and data
Make sure that you put the images or data into their corresponding folders. For the CBIR project, please summarize the order of the training and testing images used in the experiments.

5. The experimental results
You should split your experimental results into two parts.

Part 1: The experimental results reported in your paper.
Please add some statements at the end of each test result to indicate how to run the program to reproduce these results and the meaning of the results.

Part 2: The other experimental results you have tested and decided to be eliminated from the paper.
Please add some statements at the end of each test result to indicate how to run the program to reproduce these results and the meaning of the results. Please indicate the reason why you did not include these results.

6. Final paper
The final paper should contain at least the following sections: Title, Authors, Abstract, Introduction, Related Work, Proposed Approach, Experimental Results, Conclusions and Future Work, and References. You should clearly document each step of your approach in the Proposed Approach section. Make sure to clearly mention your contributions! Please save the file as a .doc, .docx, or .latex file. Please use the paper submission kit of the International Conference on Image Processing to prepare for your manuscript. Here is the link: https://www.securecms.com/ICIP2010/Papers/PaperKit.html

7. The presentation file.
Please convert the presentation file to the .ppt file or .pptx file. The presentation file should cover all the sections in the final paper and focus on the proposed approach and contributions.

8. Answer to the survey questionnaires
Please go to the Assessment Section on the following website:
http://www.cs.usu.edu/~xqi/Teaching/REU10/ to get the comprehensive evaluation form.

9. Your own website
Please use Ben's website as a template to start with
(http://digital.cs.usu.edu/~xqi/Teaching/REU10/Website/Ben/bkraft.html).

Please find a picture, which best describes your implemented system, to replace the CBIR picture used on Ben's website. You may also add some other fun pictures from our activities below this picture. Under the "about me" section, you must add some items about activities organized by us and some nice trips you made when you are here. I hope that your nice experiences here can motivate more students, especially your friends, to apply for our program next year. Under the "project" section, please use layman's language to explain the project you worked on in this summer. Especially, talk about your solution and what you have learned from the project and the short lessons on CVMA class. Under the "results" section, please briefly summarize your results and put a link to your final presentation file and a link to your final report.

10. Miscellaneous Items
Any items you would like us to keep.