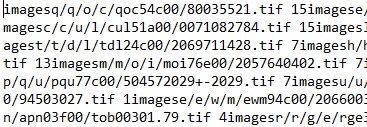
Introduction. An overview of the project and an outline of the shared work.

2. Description of your individual work. Provide some background information on the development of the algorithm and include necessary equations and figures.

3. Describe the portion of the work that you did on the project in detail. It can be figures, codes, explanation, pre-processing, training, etc.

**Individual Work**

My initial individual tasks consisted of considerable data cleaning. Images were stored in a format of each image residing in its own folder with multiple layers of parent folders with nonsensical names, all stored in the images directory. Image labels came in the form of a text file of all image file paths from the image directory and the numeric label with a space between the path and label with no space between the label and the next image path. The label text file was split on the image directory name and again on the space between path and label to create a nested list with each sublist representing the image path and label. Next, a new image directory was created as well as a reference dictionary mapping numeric label to document type. New subdirectories were made for training, testing, and validation, with document type folders for each dataset folder. The image subpath was then appended to the end of the new parent directory and moved to the individual document type folder via mapping the numeric label to the reference dictionary. Once sorted, the training set was randomly subset to create validation and testing datasets while preserving equal class distribution,

4. Results. Describe the results of your experiments, using figures and tables wherever possible. Include all results (including all figures and tables) in the main body of the report, not in appendices. Provide an explanation of each figure and table that you include. Your discussions in this section will be the most important part of the report.

5. Summary and conclusions. Summarize the results you obtained, explain what you have learned, and suggest improvements that could be made in the future.

6. Calculate the percentage of the code that you found or copied from the internet. For example, if you used 50 lines of code from the internet and then you modified 10 of lines and added another 15 lines of your own code, the percentage will be 50−10 50+15 ×100. 7. References