Defect Tracking

These are the defects that were still present in the prototype from Project 3.

1. **Date reported:** Nov. 5, 2021
   Reported by: Edina
   Description: Code needs to account for differently-sized image files, and adjust font size and life spacing in the output file accordingly. Right now it works only for similarly-sized input image files.
   Date fixed: Nov. 17, 2021
   Fixed by: Alex

2. **Date reported:** Nov. 5, 2021
   Reported by: Edina
   Description: There is only one choice of font (Arial) and only black. This would be especially bad in a black or very dark background. We need to give font style options.
   Dated fixed: Nov. 17, 2021
   Fixed by: George and Edina

3. **Date reported:** Nov. 7, 2021
   Reported by: Edina
   Description: Error-checking for bad user input
   Date fixed: Nov. 17, 2021
   Fixed by: George and Edina

4. **Date reported:** Nov. 7, 2021
   Reported by: Edina
   Description: Translator and output are optimized for Chinese input. For Latin text, the line split is not optimal. The split is based on words in the input file.
   Date fixed: We did not fix this.

5. **Date reported:** Nov. 15, 2021
   Reported by: George
   Description: Error checking for user input for file path and file name causes program to quit with error message correctly informing the user but not allowing user to fix without restarting.
   Date fixed: Nov 17, 2021
   Fixed by: Edina

6. **Date reported:** Nov. 16, 2021
   Reported by: Edina
   Description: The button for linking our .ipynb file (Jupyter Notebook) to Google Colaboratory is broken. This is keeping us from using the shared notebook properly. Also, our Readme instructions currently would not work for people wanting to use the software via Colab.
   Date fixed: Not yet fixed. This is a GitHub issue that affect links throughout GitHub.

7. **Date reported:** Nov. 17, 2021
   Reported by: George
   Description: The test suite for testing or software works only in the Jupyter Notebook hosted in Colab, but not in the .py file run on local machine.
   Date fixed: Nov. 17, 2021
   Fixed by: Edina

8. **Date reported:** Nov. 17, 2021
   Reported by: Edina
   Description: If the input file is very small, the output image file is hard or impossible to read. This is probably because PIL/Pillow (Python imaging library) by default outputs a low resolution, low quality JPEG file, which does not work well for very small font.
   Date fixed: we did not fix this. The input file should not be tiny, or else for small input files, the output should not match the size but be bigger.

9. **Date reported:** Nov. 18, 2021
   Reported by: Mac
   Description: The output to screen from the test suite is just "Passed!" or "Failed!" for each test, but it does not say what exactly the problem is. Need more information in the output messages.
   Date fixed: Nov. 18, 2021
   Fixed by: Mac

10. **Date reported:** (if we find any more bugs)