

1. Installation:-

For different PC's we will surely have different locations where the images will be stored. So for working in different systems we will have to make certain changes in the code of GUI app.

1. Just change the location of destination.

For eg.:- 'E:\' is changed to 'D:\'

2. If you don't have Tesseract installed in your PC , first install it and place it in the location of your Python folder. Then just copy that location and replace it with the location mentioned in the code .

For eg.:- 'C:\\Users\\Python\\tesseract.exe'

These are the changes you will have to do before running the app in your system.

2. Working of GUI app:-

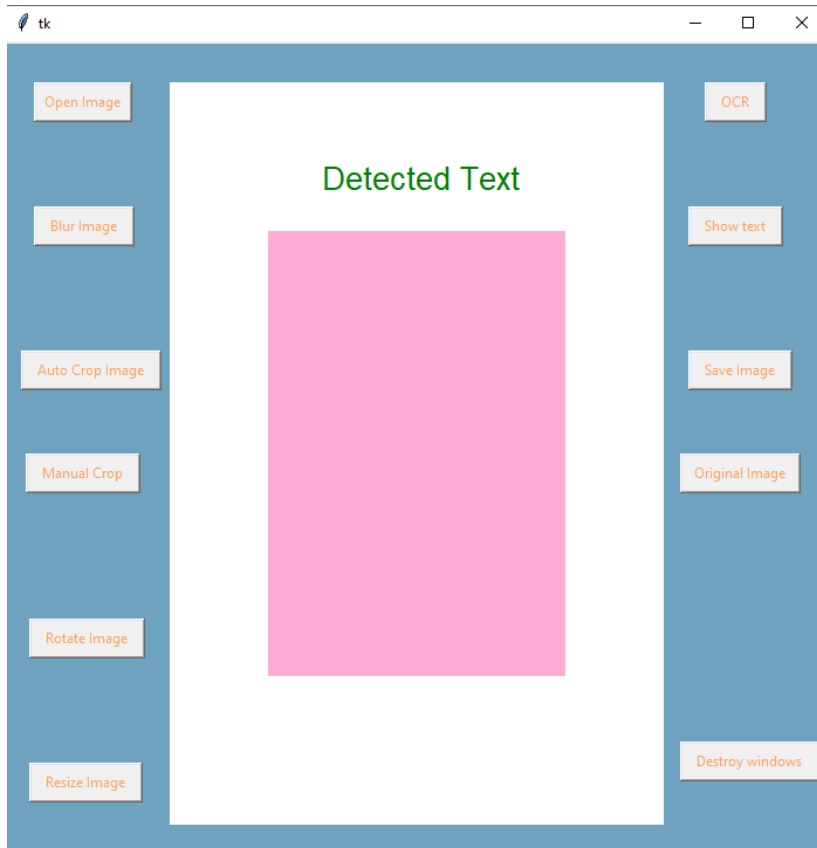
We can perform different operations on images using this app.

1. Open image – This button helps you select an image .
2. Blur image – This button helps you perform Gaussian blur on the image.
3. Auto Crop Image – This button finds four different edges which are most appropriate according to the large change in the color of the pixels which are adjacent to each other and forms a closed loop around those 4 points and crops the image automatically.
4. Manual Crop – We can select any 4 different points manually and the image will be cropped.
5. Rotate image – This button helps to rotate an image 90 degrees clockwise.
6. Resize image – This button helps to resize the image. We just have to input the pixels of width and height.
7. OCR – This button helps us to find if there are any characters of English in the image by highlighting it.
8. Show Text – This button shows the text detected in the text box.
9. Save Image – This button saves the image displayed.
10. Original Image – This button helps you get the original image .

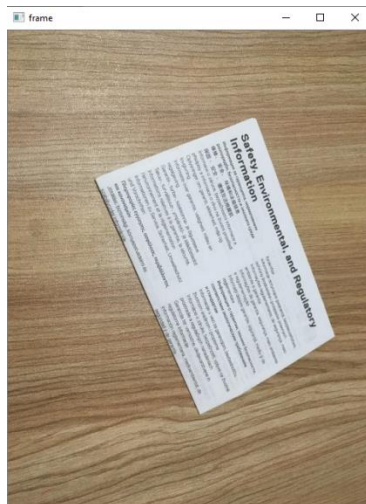
11. Destroy windows – This button just kills all the windows which are opened.

3. Snapshots of app -

GUI of the app-



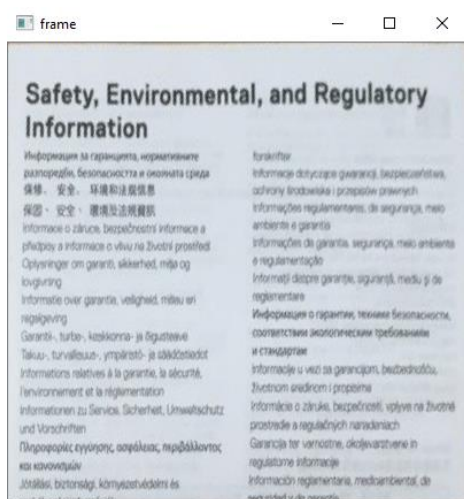
Original image –



Blur Image-



Manual Crop –



OCR-

