

Explanation:

The application centralizes on the concept of OCR (Optical Character Recognition). The focus is on being able to identify the text in an image. Alongside the OCR, some other essential features have been included in the application for the user's aid.

The features of the application are:

- **Import:** The following feature is necessary to import an image for any operations to be performed. The images support are mainly JPG, PNG and other types.
- **OCR:** The OCR feature identifies text on the image that has been imported and highlights all the text that it can identify on the image.
- **Show Text:** As a companion of OCR, once OCR is performed the Show Text feature displays the detected text in a text box on the screen with a Save as Text button to save the text as a '.txt' file.
- **Show Original Image:** This button is used to view the original image as imported by the user.
- **Auto Crop:** This feature crops the picture to the area of main focus using the maximum contour drawn on the picture.
- **Manual Crop:** This feature crops the image on the basis of two points selected by the user on clicking on the picture.
- **Blur:** The Blur feature blurs the picture on the basis of the Gaussian Blur function.
- **Sharpen:** The Sharpen feature sharpens the picture based on the kernel that has been implemented to highlight the areas of the picture.
- **Save Image:** All the effects and features that have been used in the application on the imported picture are saved using this feature.
- **Exit:** The Exit button is used to end the application.