



User Manual

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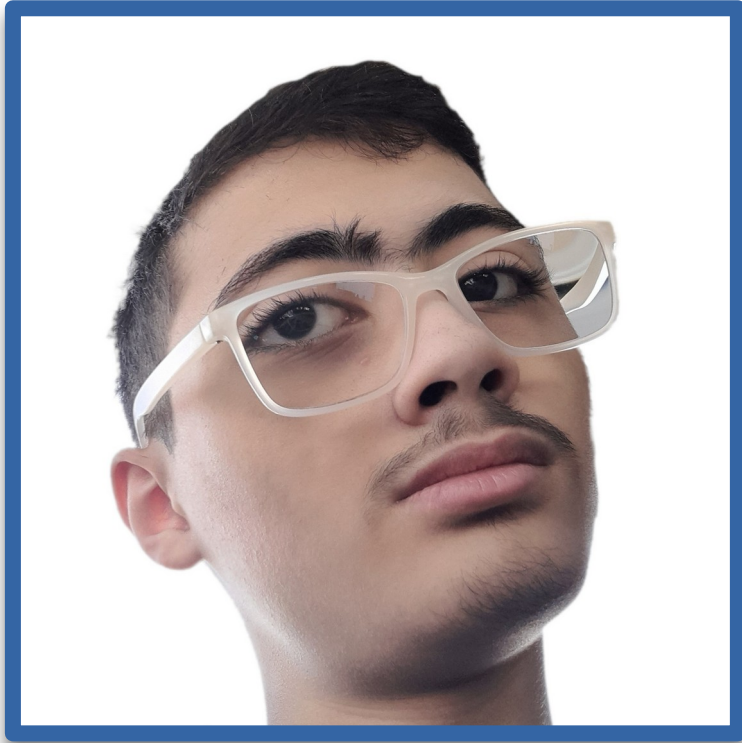
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Acknowledgements

- **All praise is due to Allah (Glory be to Him) for giving me the opportunity to create this project. Thank the Lord!**
- **Additional thanks goes out to my Dad, and my mentor, Ms. Shivani from Clevered.**

About Myself



Hey there! Nice to meet you.

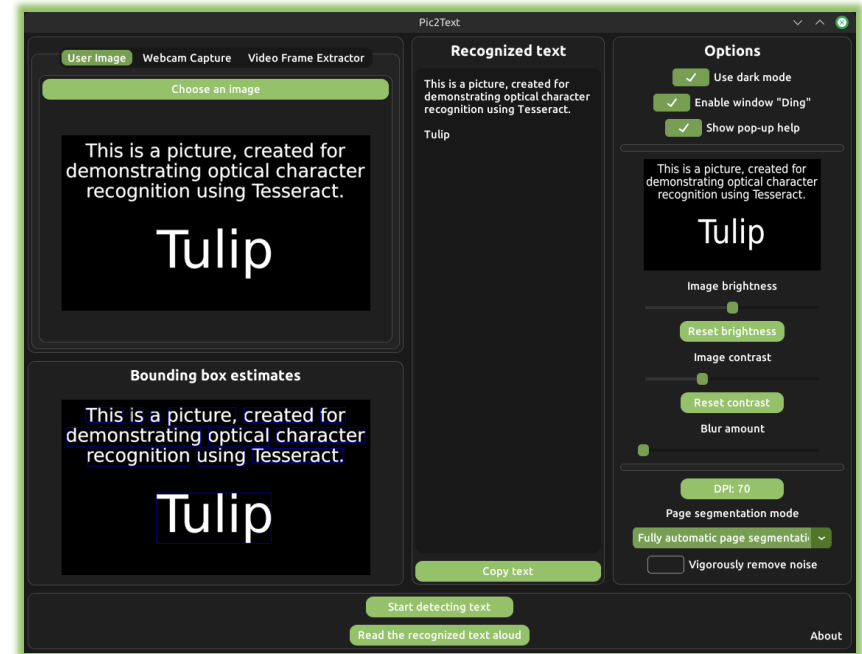
- My name is Ibrahim Taybeh.
- I live in the country Saudi Arabia.
 - I am currently in 7th grade.
- I was born in the year 2007, 26th of Feb.
- I have a passion of creating characters.
- I create code using Python, and HTML5.

About My Internship Journey with Clevered

So far, I've had a good experience. Making the projects during the internship journey was fun. I've learned several important lessons during the internship. The mentors were patient with me and would repeat whenever something wasn't clear to me.

About This App (Pic2Text)

This is a Python app that reads text from any source, using optical character recognition. It is a convenient tool. You can open a picture, the camera on your laptop, or any video, and read text from that source. You can then copy the recognised text, so you can keep notes, or send it to someone else. You can also read aloud the recognised text, useful for the blind people.

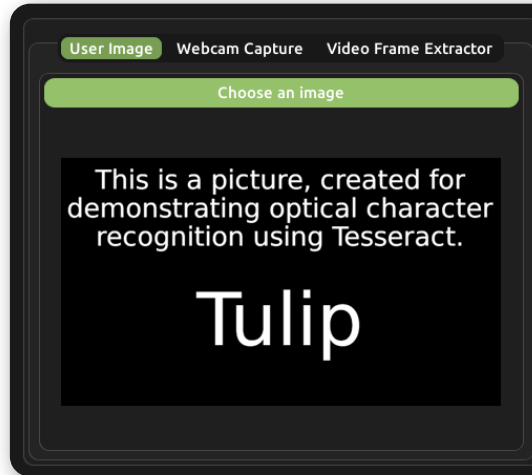


How To Use This App

Choose The Image Source

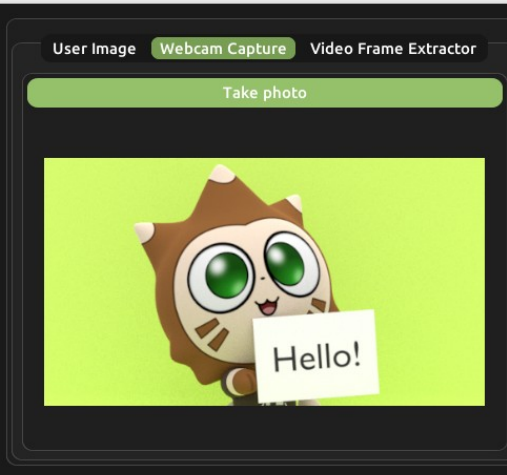
User Image

Choose an image from the file picker.



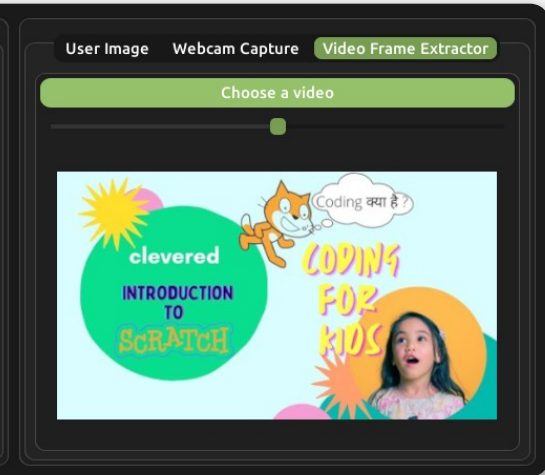
Webcam Capture

Take a picture from your webcam.



Video Frame Extractor

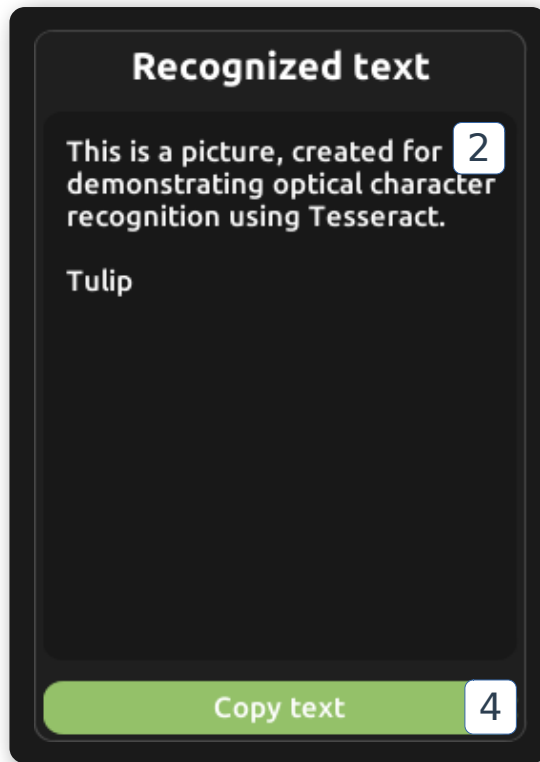
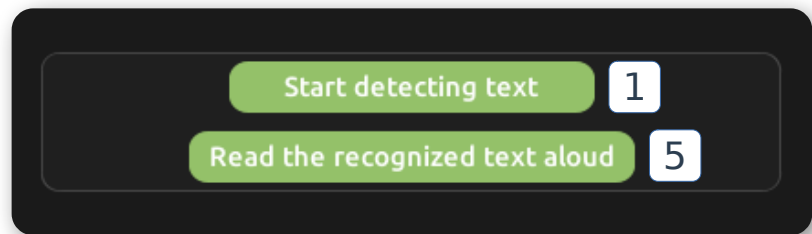
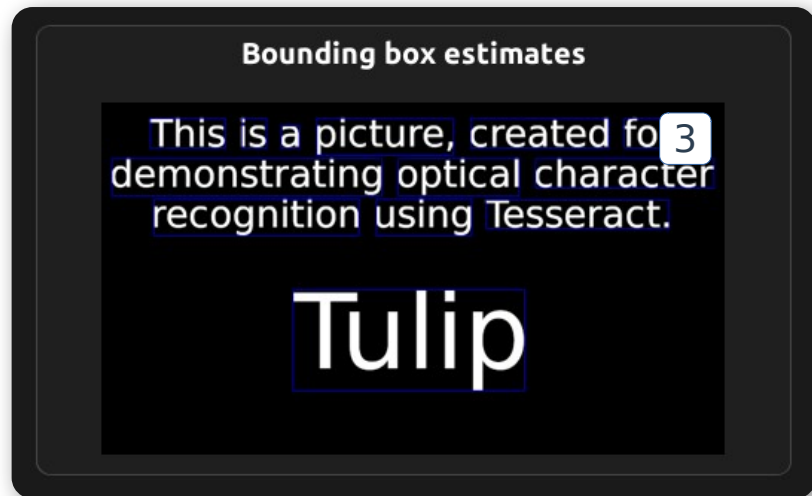
Choose a specific frame from any supported video file.



Note: Make sure the picture shows text clearly, without the background getting in the way.

How To Use This App

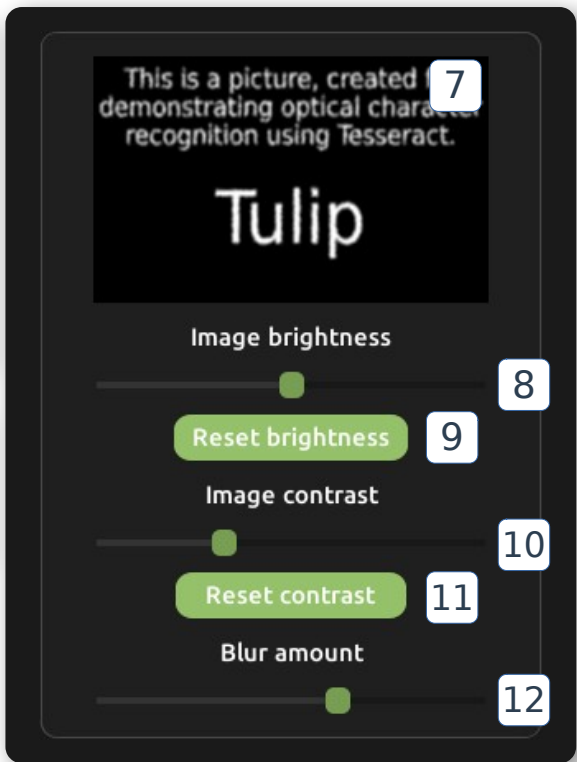
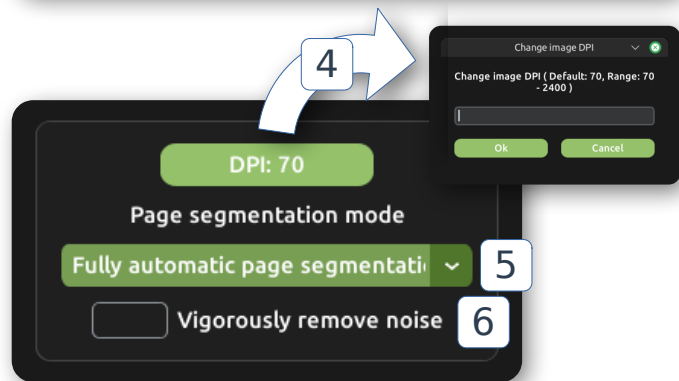
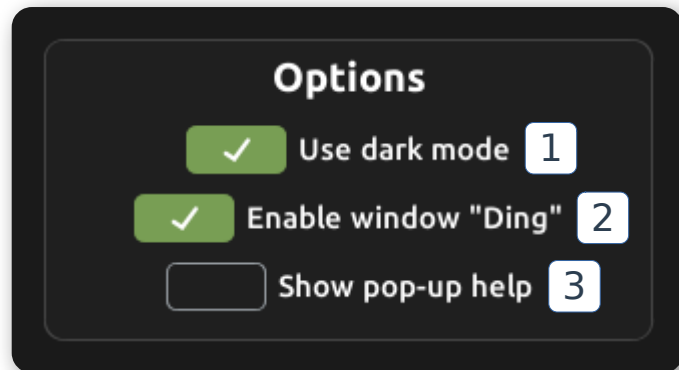
Start Detecting Text



Now that you have chosen your image source, you can now start detecting text by clicking the “Start detecting text” button **(1)**. After waiting a bit, the text should be recognized **(2)**, and the app will show you where the text was detected **(3)**. Now, you can either copy the recognized text to your clipboard **(4)**, or have the computer read the text out loud to you **(5)**.

How To Use This App

The Options



(1) Changes the current appearance of the app. On: Light mode, Off: Dark mode.

(2) If this option is on, make a sound when a message is shown or when a task is complete.

(3) If this option is on, show pop-up help when hovering your pointer on a widget.

(4) Optional. Changes the DPI of the recognised image. You may enter a number between 70 to 2400.

(5) Changes the current method of reading text.

(6) If this option is on, reduce the noise of the image intensely.

(7) This is a preview of the image, with the applied brightness and contrast controls.

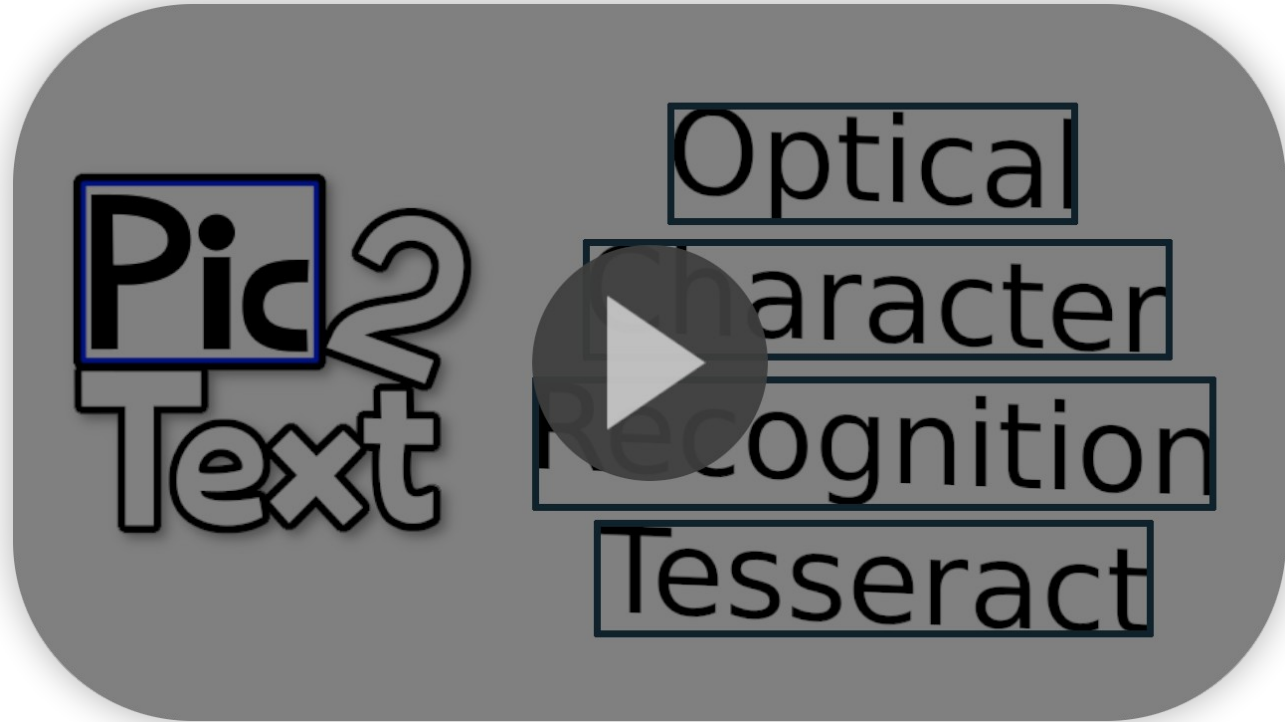
(8) Drag the slider to change the brightness of the image. Click the button below the slider to reset its value **(9)**.

(10) Drag the slider to change the contrast of the image. Click the button below the slider to reset its value **(11)**.

(12) Drag the slider to change the softness of the image. Use it when the image has noise, and it interferes with the optical character recognition.

How To Use This App

Demo Video



Links For The App

[Link to App Development Toolkit...](#)

[Link to LinkedIn Launch of the App...](#)

[Link to Github Launch of the App...](#)

Contact Me

**Do you have a question? Or do you have
any suggestion / bug fixes for the app?
Then, contact me via the email address
below. Thank you!**

My email:

NisTroAti@proton.me

THANK YOU!



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This user manual was created using LibreOffice Impress
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