

User Manual For Image-Based Oil Palm Tree Crowns Detection

Execute the Program:

1. Download the file.
2. Extract the files in a folder.
3. Locate the executable file at “/dist/Crown Detection.exe”
4. Double Click the “/Crown Detection.exe” file to run it.
5. Once run, there will be a pop up asking to select file or image.
6. Choose any oil palm tree image located in “/sample images” folder and select open to continue.
7. If the image is in correct size and format a new pop up will appear. User will be able to view the result of the process.
8. Use save icon to save the result.
9. The total number of crowns detected located in terminal in (0, number_of_crowns, 0).

Directories:

1. Greyscale images will be pre-saved in “/dist” after the program completed the process.
2. The source code is in /FYP2.1.py, to view, open with notepad.