User manual

EE608 Digital Image Processing

Region Growing Project

13 December 2021

The submission folder has four subfolders:

Code: Which contains the code

Inputs: Which contains test inputs both colour and gray scale. Input1 and input2 has been included in report.

Results: All the test inputs are tested and the result are attached in this folder and also noted in report.

Report: this folder contains report (theory + algorithm + results and summary)

Note:

1. Images supported: .jpg, .jpeg, .png and .bmp

2. Supports both colour and gray scale, but have to alter the code slightly which is guided in the code itself.

3. For colour image processing, one can test code in both YCbCr or RGB processing.

4. Github page gives all information about what to be installed (prerequisites) and all the resources of this project. Can be downloaded at link: https://github.com/Rajesh-Smartino/Region-Based-Segmentation

5. The report contains the theory, algorithm and the results obtained by testing the code.

6. The code is properly commented and description the function is given.