

TEAM
15

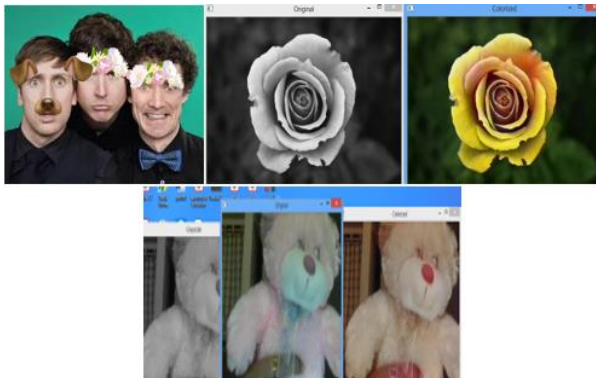
Image and Video Revising

Abstract

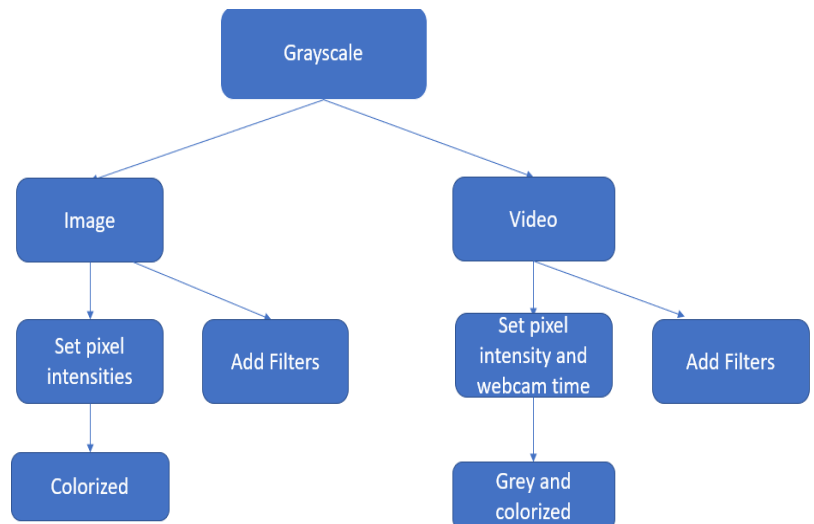
Image colorization is the process of assigning colors to a grayscale image to make it more aesthetically appealing and perceptually meaningful. This is known to be a sophisticated task that often requires prior knowledge about the image content and manual adjustments in order to achieve artefact-free quality. Furthermore, since objects can be in different colors, there are many possible ways to assign colors to pixels in an image, which means there is no unique solution to this problem. The classifier predicts the colour of a pixel based on the grey level of the pixels surrounding it. This small patch captures a local texture.

Modules

Image Coloring
Video Coloring
Adding Filters



Architecture



Tools and Technologies

- Python 3.6
- Deep Learning
- Caffe model
- OpenCV
- Numpy

Conclusion and Future Scope

In this project, we produced a colorized image without involvement of user. The automatic replacement of color and the filters given will only get by the system. The output will be with a greater intensity of light such that any video and image which is dark can turn into more lightness. Future scope is that the automation of brightness happens with the image or video and tend to convert the low intensity files to higher intensity.

Guide

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