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Project Details:

Name: Face Mask Detection System [FDMS]

Objective: To recognize human faces and detect whether those people are wearing masks or not

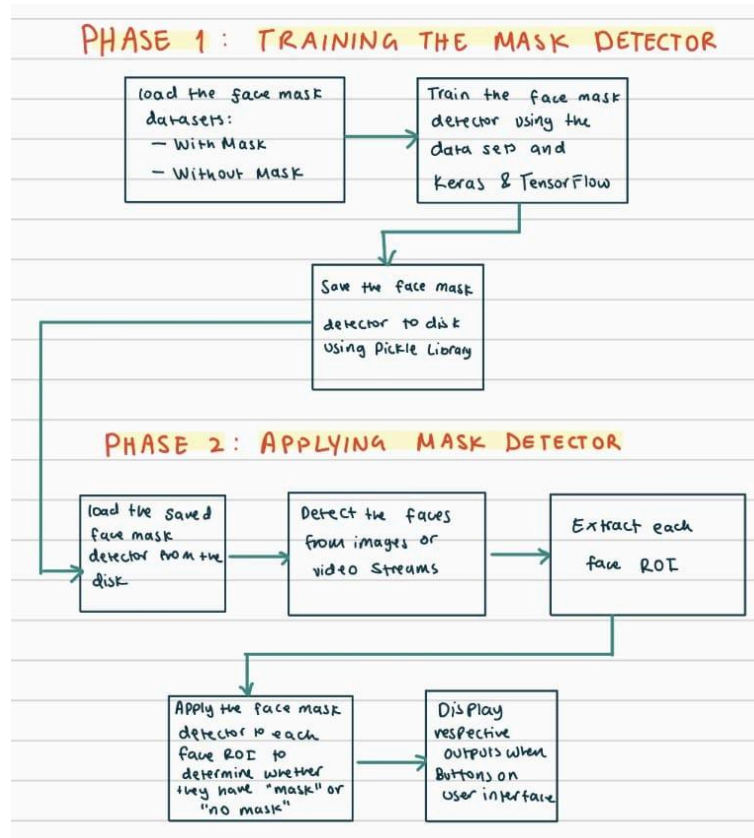
Purpose: This project is created to ensure that, when needed, all people adhere to the given rules and wear masks or cover their faces [This project was inspired by the many systems developed during the COVID-19 pandemic].

Description: This project mainly utilizes the Deep Learning tools OpenCV and Keras/TensorFlow and is focused on the Facial Recognition aspect. I have used Keras and TensorFlow to train the mask detector using the datasets. The given result will be able to:

- Detect masks in images
- Detect masks in real-time

PHASES OF BUILDING A FACE MASK DETECTION SYSTEM

With Deep Learning using python, OpenCV, Keras and TensorFlow



FACE MASK DETECTION SYSTEM USER INTERFACE DESIGN

Using Tkinter

