Project – writeup

**Abstract:** Due to rising situation of COVID-19 and it’s inevitable spreading of the disease, it is mandatory to wear a mask when outside. The motive of the project is to check if the user is wearing the mask completely or wearing it only up to his/her mouth and not covering nose or he/she is not wearing a mask at all. This project is regarding a face detection or face recognition system that uses Computer Vision to detect faces from a web-cam/device inbuilt camera. The project will be done in python and it will require the main usage of OpenCV.

**Requirements:** A large dataset comprising of masked and unmasked people which can be classified into above mentioned categories. The softwares required for detection of objects(OpenCV).