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Covid Mask Tracker Website (App)

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ABSTRACT: There are many websites regarding health in our society. But we wanted some uniqueness in our project, so we decided to develop a website with a unique idea. So, we decided to develop a website using technologies. We have chosen to develop a website on the COVID mask tracker website. Anybody can use this website.

KEYWORDS: Covid Mask Tracker Website, Website (App),

I. INTRODUCTION

The spread of COVID-19 is increasingly worrying for everyone in the world. This virus can spread from person to person via droplets and airborne particles. According to the instructions from WHO, to reduce the spread of COVID-19, Every person needs to wear a facemask, do social distancing, evade the crowd area, and also always maintain their immune system.

Therefore, to protect each other, every person should wear a face mask when they are outdoors. However, most selfish people won't wear a face mask. This website is friendly to users. There is no login for users on this website. where users can scan their faces to see if they have on a mask or not. This website is used in public places or in hospital gardens. If the pandemic situation arises again, then this website is used

II. LITERATURE SURVEY

We want to implement a unique idea like helping the medical department and getting up from the COVID-1 pandemic situation.

- Welcome to user visit and check to see if you're wearing a mask
- After you scroll down, there is information about this website.
- We have taken references from GitHub for our website.

III. METHODOLOGY

A proposed system training set of both masked and non-masked images are initially trained and the further system will be processed to segmentation, feature extraction, and a classification stage. In this proposed system, the accuracy of mask detections is validated by three different classifiers i.e., Support vector machine neural network Decision tree and Proposed Method CNN. Among all these classifiers, the CNN classifier is predicting an optimal hyperplane, which is linear, and separates all the feature vectors, by projecting on higher-dimensional space Decision tree classifier calculates the outcome of the unknown sample, by calculating the distance between the unknown point and its nearest neighbor point. Compared with conventional classification methods, CNN is used to minimize the empirical training error, and minimize generalization error by finding the largest margin between the separating hyperplanes. Finally, the CNN classifier provides better results compared with the other two methods.

IV. RESULTS & CONCLUSION



Figure 1: - Home page

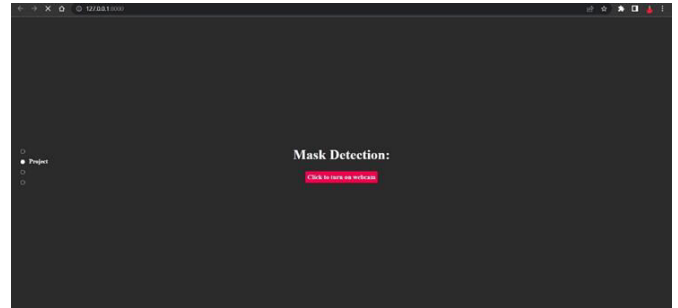


Figure 2: - Webcam page

We have successfully developed an E-commerce website. This website will save the time and money of the customer as well as the owner. The website has an admin dashboard where the admin can maintain the website. For security, the admin has to login with OTP. I hope this website will be helpful for our electronic store because it is the best fit for them.

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