En-masker

An AI-based platform developed for face mask detection.

What is En-masker

- En-masker is a website which provides face mask detection using AI.

- It contains 2 modules

- 'Mask Monitor' - for monitoring a person for face mask continuously through webcam

- 'Mask Checker' - for checking face masks in images uploaded by user.

Need for En-masker

- It provides a surveillance method to detect face masks on employees on stream of images.

- It issues a tool to impel employees (especially cab drivers and billing counter workers) to use face masks continuously.

- Use of face masks is very important to stop coronavirus.

Target Groups and Uses

TAXI/CAB DRIVERS

- The existing methods does not ensure that the driver is using the mask continuously.

- Drivers can be monitored using 'Mask Monitor' module for continuous mask detection.

- Cab Drivers keep their mobile in front of them to use google maps for navigation. So our app can run in the background and monitor the driver

- Our app can also send alerts to the supervisor if a driver is not using face mask.

Target Groups and Uses

SUPERMARKETS & BIG CHAINS -

- En-masker can be used in supermarkets like 'Big Bazaar' & in big chains like 'Apollo pharmacy' to make sure that workers at the billing counter always wear a mask.

- They always generate bills using computers. Our app can run in the background and monitor those workers for face masks.

- If a worker is not wearing a mask his/her manager will be alerted via whatsapp message.

Target Groups and Uses

- En-masker can also be integrated with existing websites and mobile apps

- With some modification in source code, we can provide a way to screen people entering hospitals, offices or any other building.

- Access will only be given to people who are wearing face masks.

Security & Privacy

- This website respects privacy of its users .

- We do not save any of user's images in our database.

Technologies Used

- HTML
- CSS
- Bootstrap
- JavaScript
- Ajax
- Flask
- Python

Thank you!

By- Rishabh Jain