

Ananya Adivi

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01 ACKNOWLEDGEMENTS

First of all, I would just like to say that I am grateful to everyone who has helped me gain the opportunity to create this project and be able to enhance my own skills. Thank you to my parents, mentors, fellow peers (and YouTube videos) for helping me work towards achieving greater things.





ABOUT ME!

Hello!

My name is Ananya Adivi and I'm 17 years old, and I' currently in Year 12.

I'm from Hyderabad, India, but I'm brought up in Dubai, UAE.

I have a number of interests like Art and Reading, but Coding is something I put a lot of effort in learning.

This opportunity has led me to learn various things about AI and how to implement it in creating applications, like the one I've focused on for this project.

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INTERNSHIP JOURNEY

The internship with Clevered has been very helpful in venturing deep into the world of Al.

I've learnt many things, from voice recognition to object detection. With the tools and aid provided in the mentor sessions, I was able to enquire and learn many things that led me to create my project.



04 ABOUT MY APPLICATION

My app focuses on Face Mask
Detection. I've used object detection as
my subject to implement. Face Mask
Detection caught my eye, as it was a
necessary system during COVID-19. I
was always intrigued to find out how
the system was created, and this
project portrays my interest in the
subject.

Main Menu

My app consists of two main parts:

- Detecting if a person in an image is wearing a mask
- Live face mask detection

These two functions are important to my project as they showcase the main goal of the project. They are very straightforward and easy to use.



Function 1 - DETECT MASK Function 2 - LIVE DETECTION Demo

FUNCTION 1

<u>DETECT</u> <u>MASK</u>



This function takes the selected image and runs the code written to detect the mask

FUNCTION 2

REAL TIME DETECTION



This function opens the web camera from the user's device and detects whether the person is wearing a face mask or not.

It is important to note that the code does not work properly if there is no proper lighting*

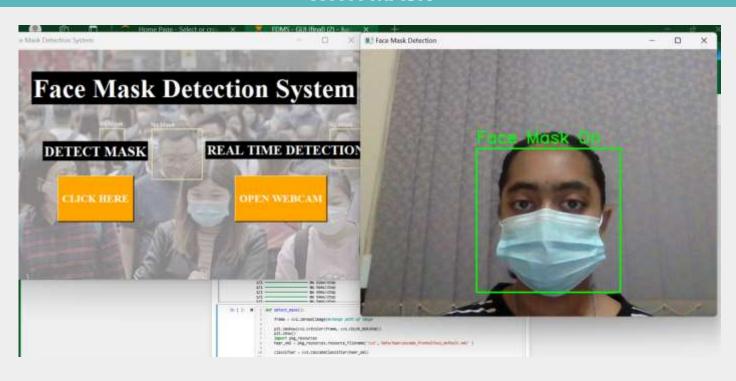
DEMO - REAL TIME DETECTION

WITHOUT MASK



DEMO - REAL TIME DETECTION

WITH MASK



DEMO - DETECT MASK

USING AN IMAGE - WITHOUT MASK



OUTPUT:



IMAGE CHOSEN:



DEMO - DETECT MASK

USING AN IMAGE - WITH MASK



OUTPUT:



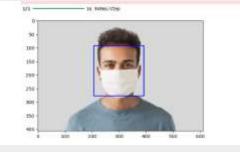
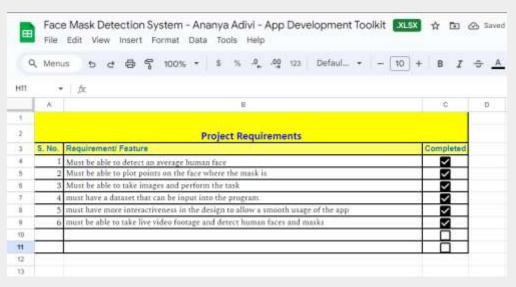


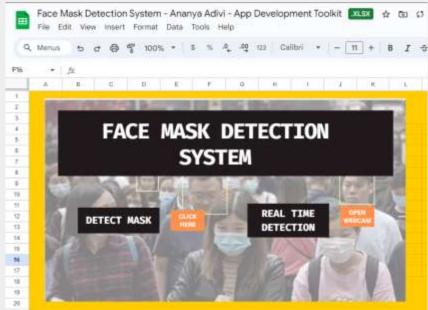
IMAGE CHOSEN:



06 APP DEVELOPMENT TOOL-KIT

PROJECT REQUIREMENTS & DESIGN USER INTERFACE



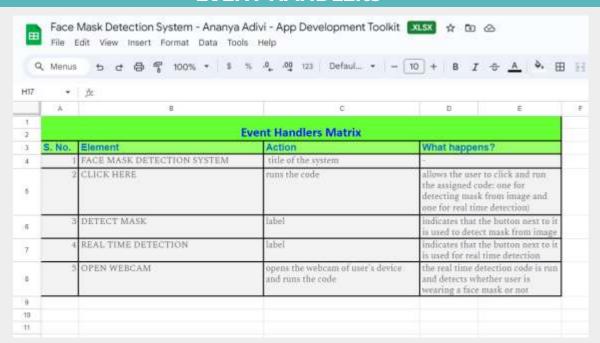


Link for Tool-Kit spreadsheet:

https://docs.google.com/spreadsheets/d/1AC4uODQuCjYJdXQMbvCZCrb-XGS6ODy7/edit?usp=sharing&ouid=115856861494110766051&rtpof=true&sd=true

06 APP DEVELOPMENT TOOL-KIT

EVENT HANDLERS

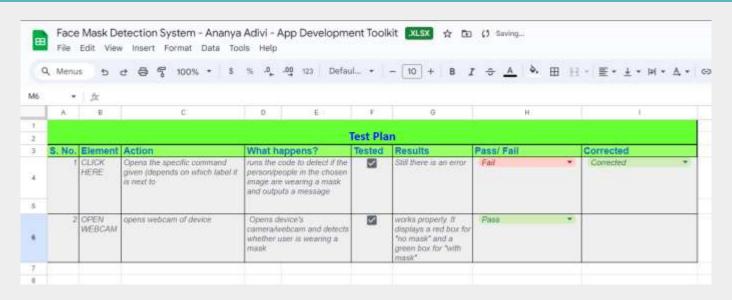


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06 APP DEVELOPMENT TOOL-KIT

TEST PLAN



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CONTACT ME!

If you have any further queries or suggestions, please contact me via the following email:

ananya_adivi@outlook.com



THANK YOU!:)