

MessAtt

Mess Management System

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Agenda

- Overview
- Toolchain
- Short Demonstration
- Learnings
- Future Updates

What is MessAtt?

- MessAtt is a Facial Recognition Mess Management System, for serving food in hospital and hostel messes, ashrams and old homages.
- This system will ensure the one attendee can have at max one meal at a time.
- Also, it will help us keep a record of attendees who have received the meal.

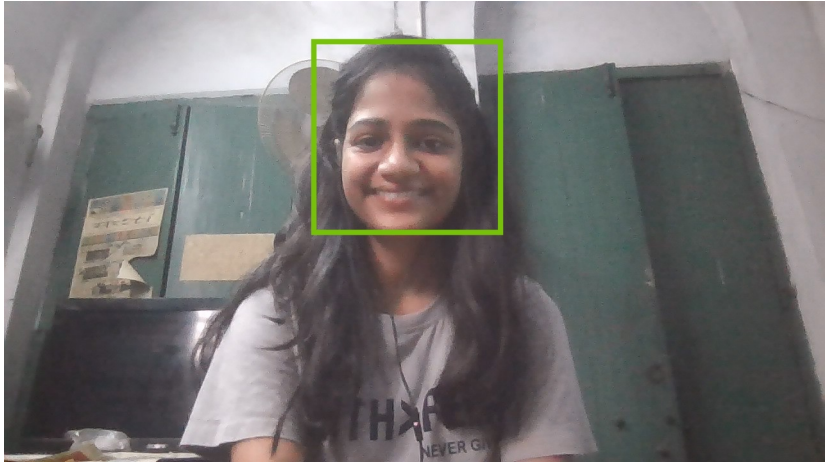
Toolchains

- What are the Toolchains we used?
 - Python
 - face_recognition library
 - LaTeX

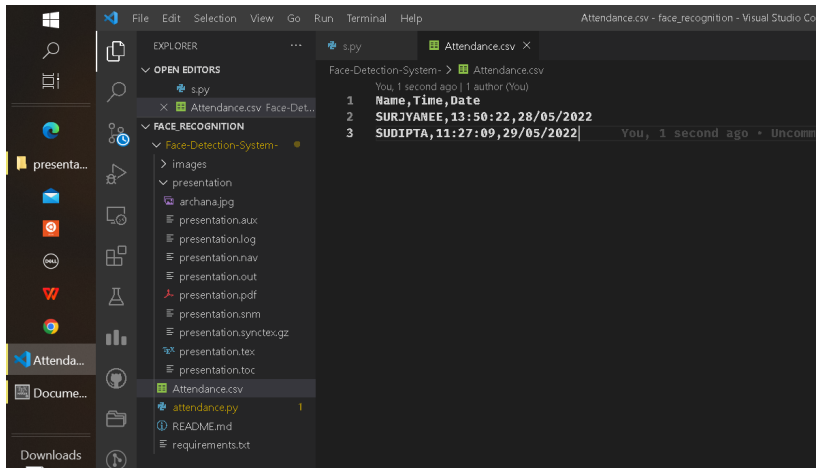
Short Demonstration

- Let's have a look at a short demonstration of how MessAtt works.

Capture image














Stores Real Time Data in .csv file



Dataset of Images of Candidates

face_recognition > Face-Detection-System- > images

Name	Date	Type	Size	Tags
 amrita	29-05-2022 13:14	JPG File	149 KB	
 ankita	29-05-2022 13:13	JPG File	174 KB	
 archana	13-09-2021 11:00	JPG File	118 KB	
 arjun	29-05-2022 13:13	JPG File	170 KB	
 biden	10-05-2010 10:04	JPG File	346 KB	
 minushree	25-05-2022 05:19	JPG File	138 KB	
 obama	06-12-2012 15:46	JPG File	274 KB	
 obama2	09-09-2009 20:27	JPG File	181 KB	
 sahana	29-05-2022 13:14	JPG File	148 KB	
 shrabani	24-05-2022 18:40	JPG File	401 KB	
 surjyanee	29-05-2022 13:13	JPG File	136 KB	

Learnings

- Learnt how to implement facial recognition in real time.
- Explored new technologies in this regard.
- Learnt about Version Control System.
- Learnt about Time Management.

Future Updates

- Add a feature for ordering next day's meal in advance.
- Caculate monthly bills for each person.
- Add a feature for estimating the amount of the raw materials needed on each day (to avoid wastage).

Thank You

- Thank You