WIE-TASK 2

FACE RECOGNITION BASED ATTENDANCE SYSTEM

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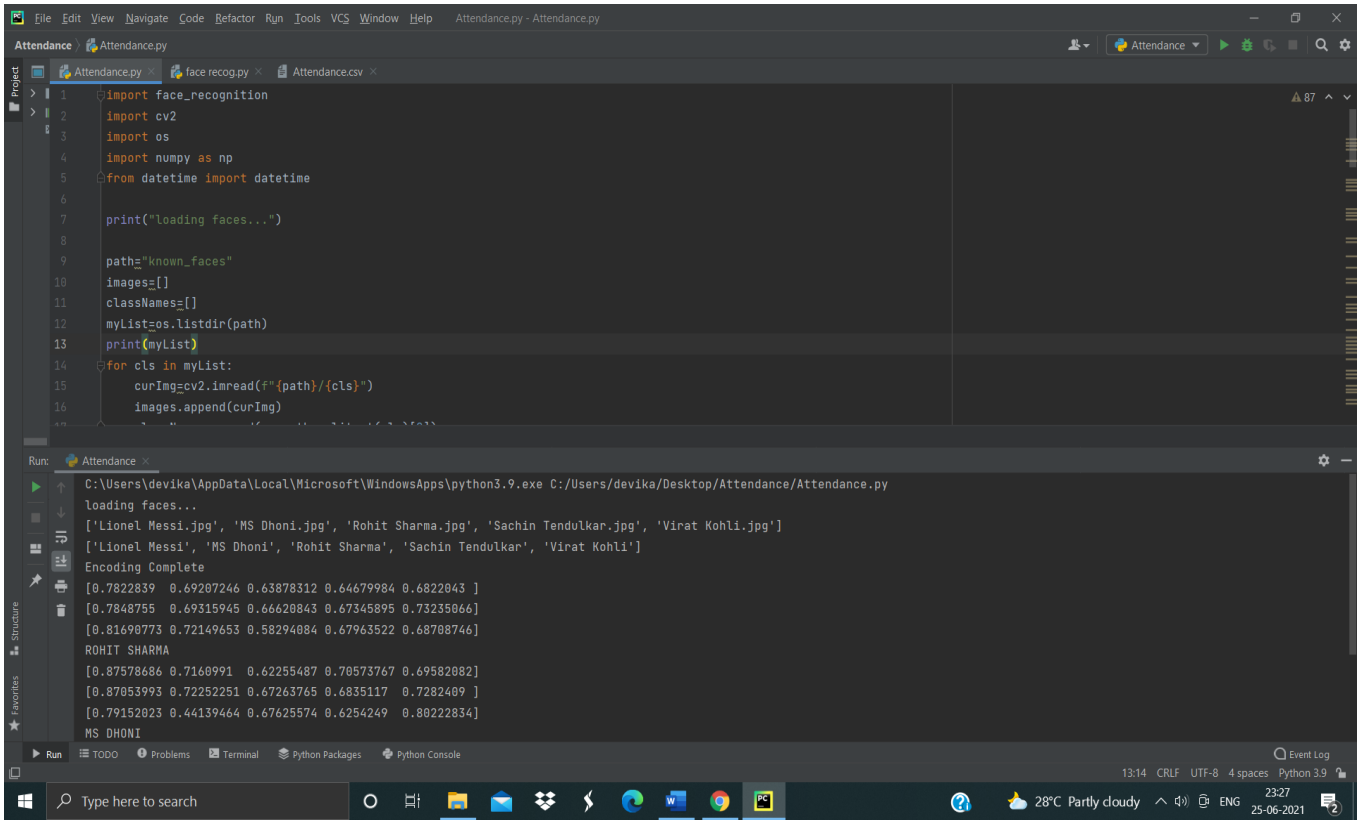
This project was done individually. I learnt working with numpy, pandas, matplotlib, cv2 libraries while developing on this project. I took help of one Udemy course to learn about basic python libraries and watched couple of YouTube videos to learn more face recognition.

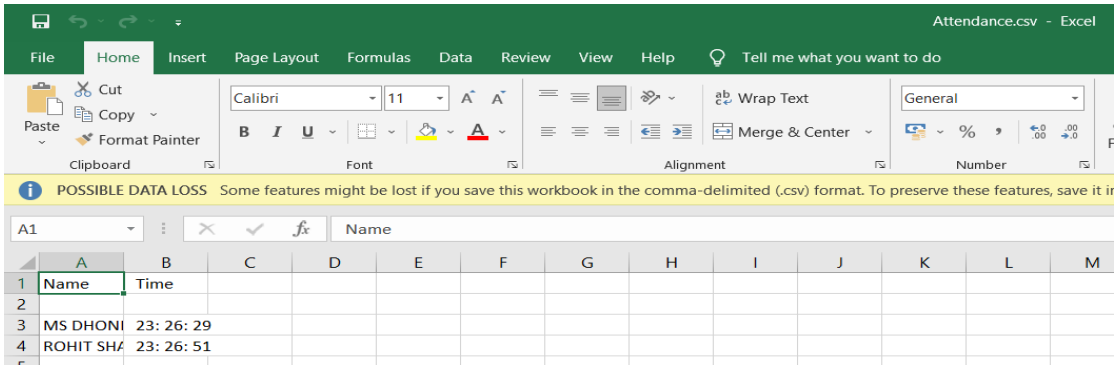
Libraries used- face_recognition, cv2, os, numpy, datetime

Repository link : https://github.com/Devika2902/ATTENDANCE-SYSTEM

In this project, we capture the image of the person in front of camera and compare it with the faces of certain people already stored in a file. Program will display the file name of matching face (if found) removing the file extension and store the name along with entry time in an excel sheet named Attendance. In order to make this project more efficient, we have to feed more data. Along with this project I made a face detection project also.

SCREENSHOTS




Attendance.csv - Excel
File
Home
Insert
Page Layout
Formulas
Data
Review
View
Help
Tell me what you want to do
Paste
Cut
Copy
Format Painter
Clipboard
Calibri
11
Font
Wrap Text
Merge & Center
Alignment
General
Number
POSSIBLE DATA LOSS
Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in
A1
Name
A
B
C
D
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F
G
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I
J
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1
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