



Δοκ.

Παράδοξο



VLC media

player



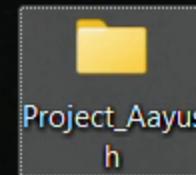
Control Panel



Project



This PC



Project_Aayush



Recycle Bin



Icon



Telegram



Icon



KMPlayer 64X

Project -
CopyVisual Studio
Code

Brave

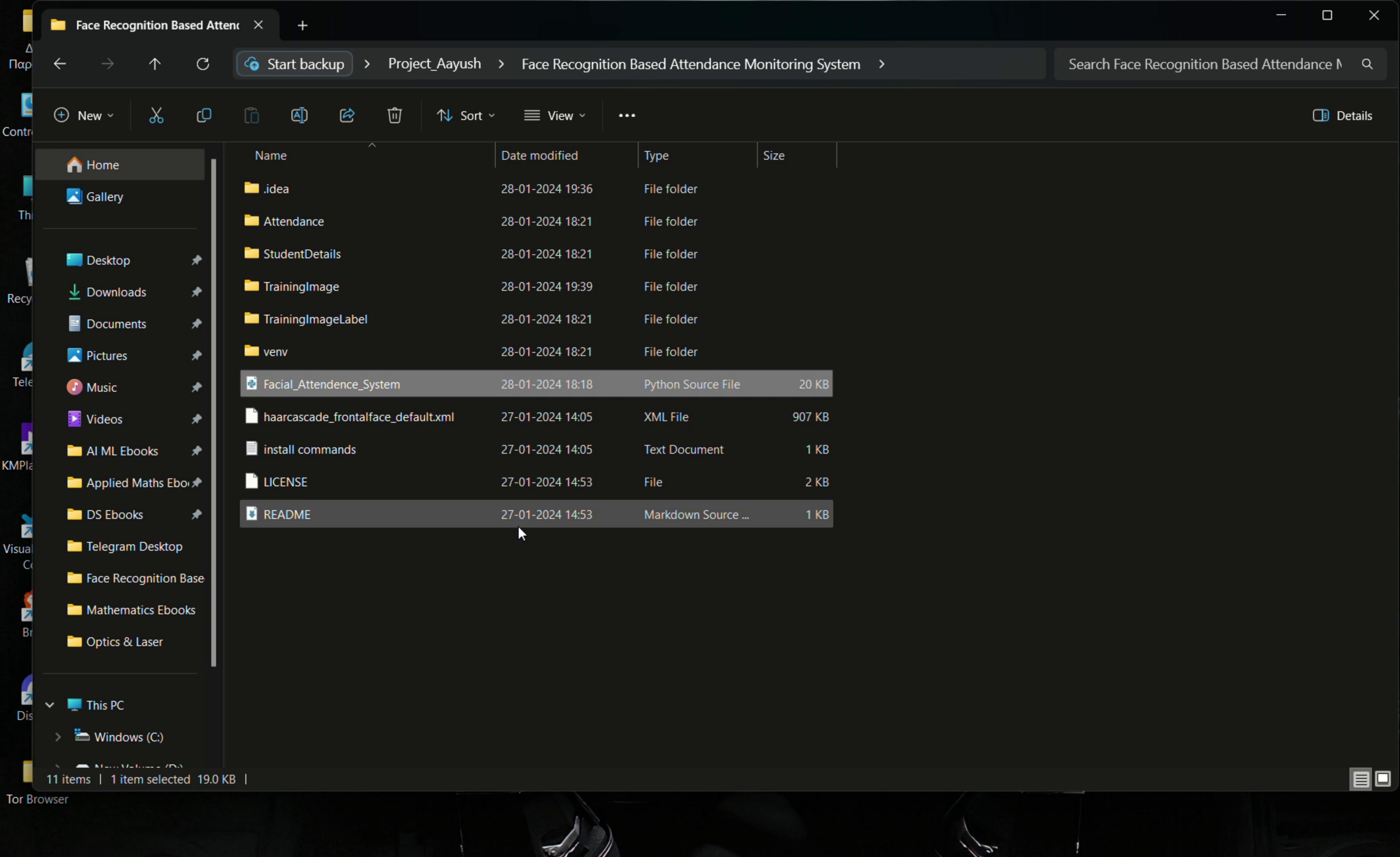


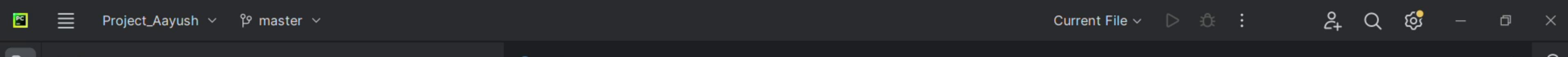
Discord



Tor Browser







Project

- Project_Aayush [Project] C:\Users\DIVYANSHU\Desktop\Projec
 - Face Recognition Based Attendance Monitoring System
 - .idea
 - Attendance
 - StudentDetails
 - TrainingImage
 - TrainingImageLabel
 - venv
 - Facial_Attendance_System.py
 - haarcascade_frontalface_default.xml
 - install commands .txt
 - LICENSE
 - README.md
 - External Libraries
 - Scratches and Consoles

Facial_Attendance_System.py

```
1 ##### IMPORTING #####
2 import tkinter as tk
3 from tkinter import ttk
4 from tkinter import messagebox as mess
5 import tkinter.simpledialog as tsd
6 import cv2,os
7 import csv
8 import numpy as np
9 from PIL import Image
10 import pandas as pd
11 import datetime
12 import time
13
14 ##### FUNCTIONS #####
15
16 def assure_path_exists(path):
17     dir = os.path.dirname(path)
18     if not os.path.exists(dir):
19         os.makedirs(dir)
```

Terminal Local

- +
- ≡
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- ✖
- !
- ?

Project

- Project_Aayush [Project] C:\Users\DIVYANSHU\Desktop\Project
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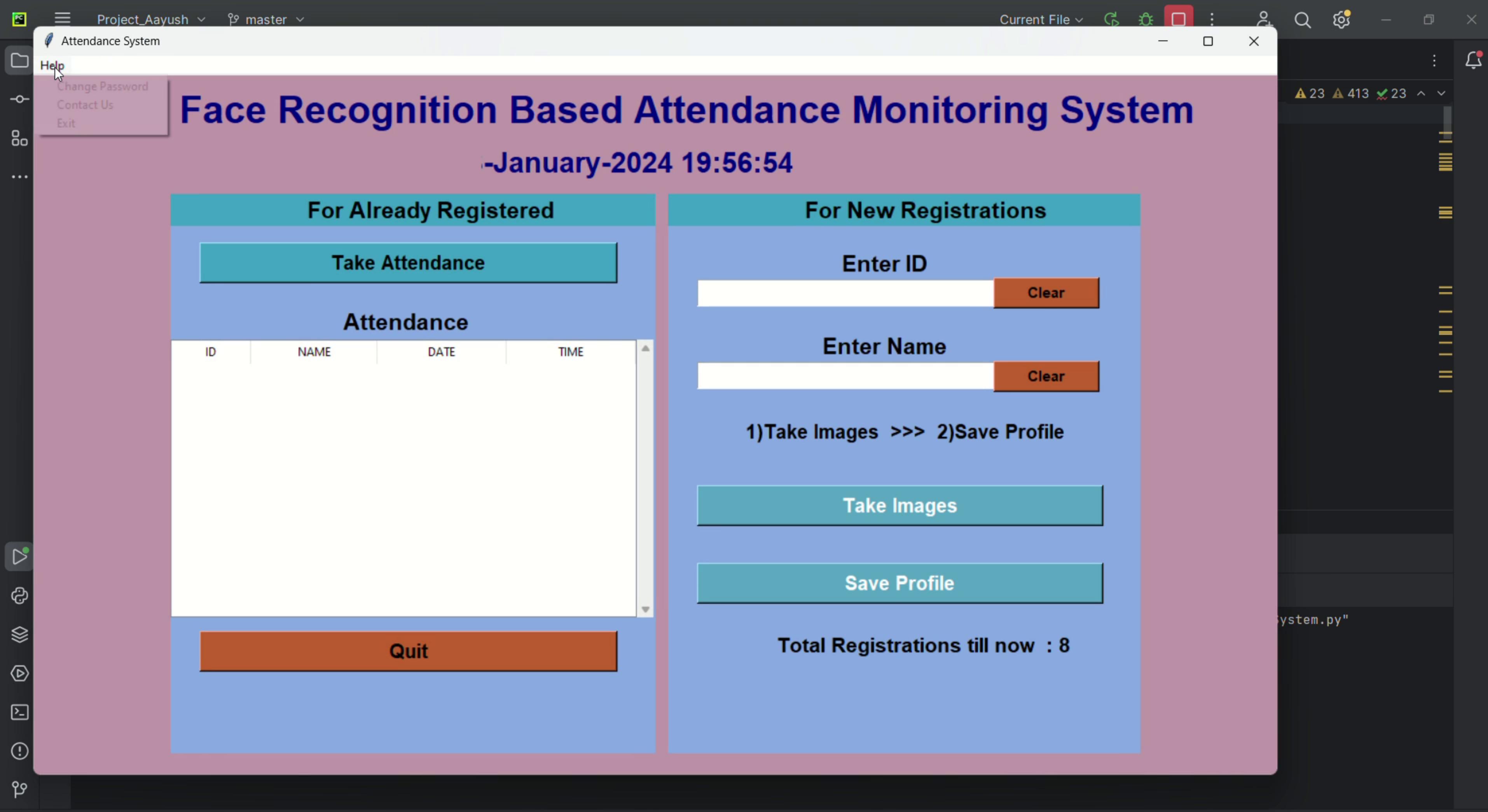
Facial_Attendance_System.py

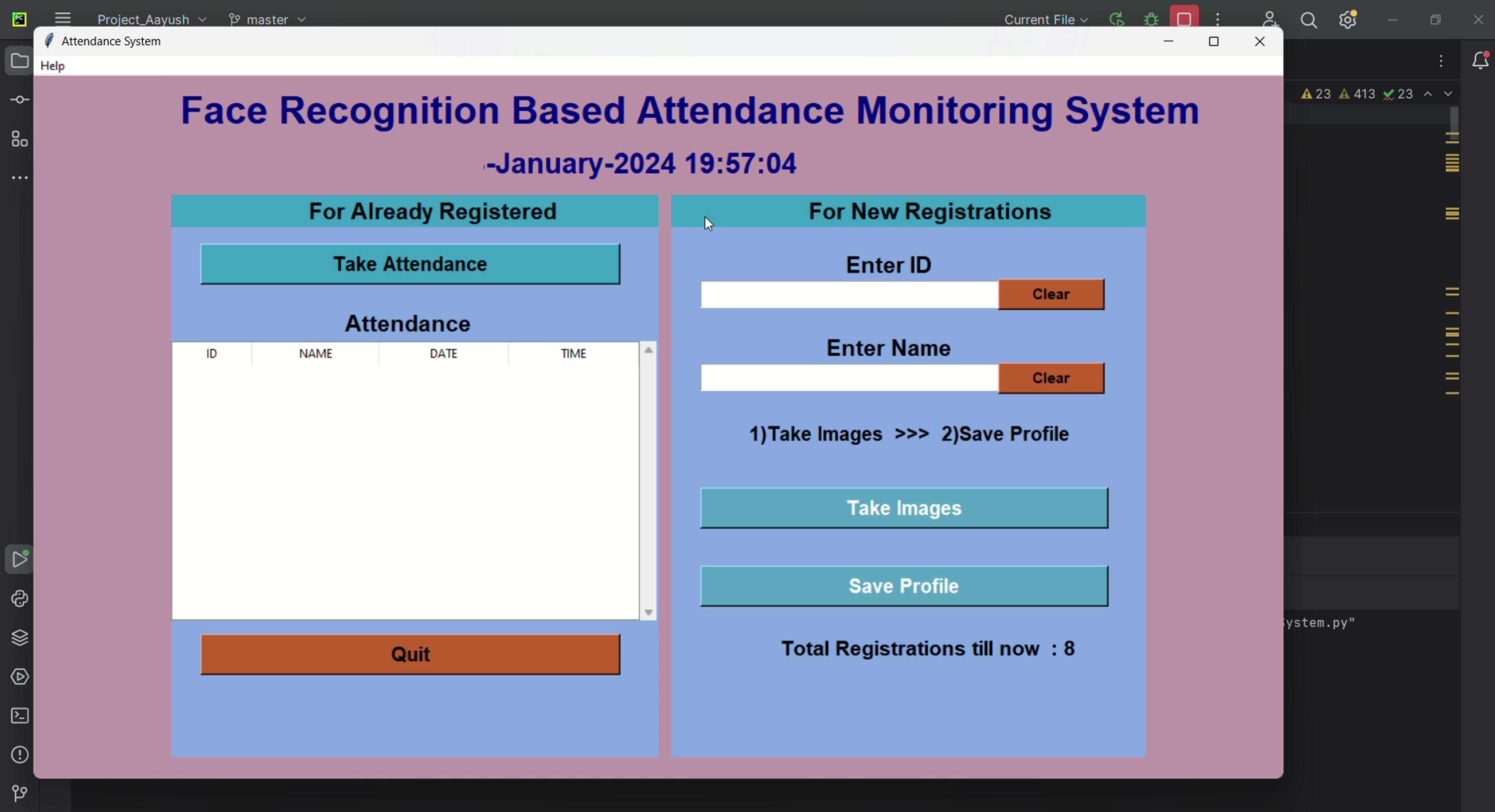
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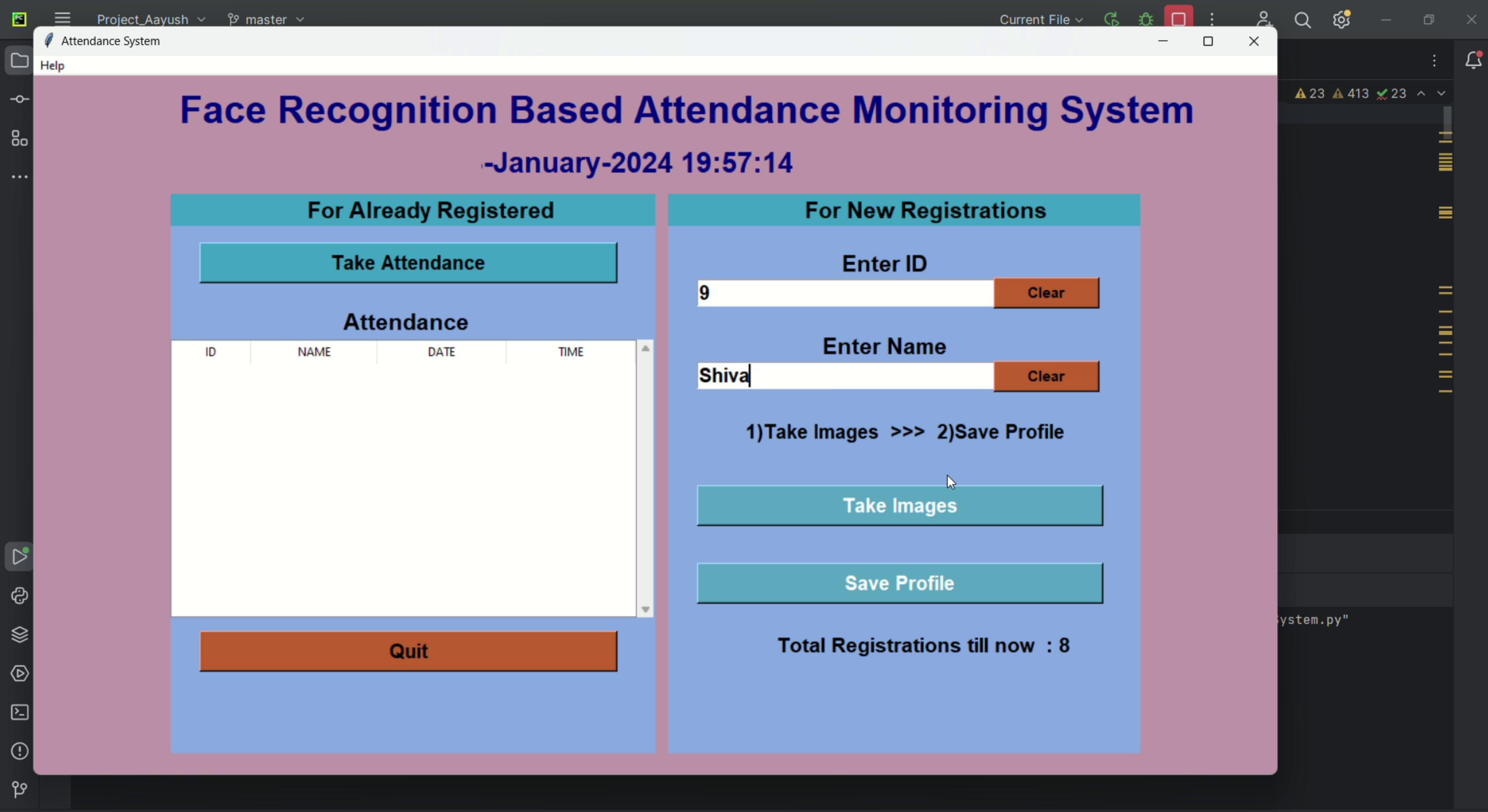
Terminal Local

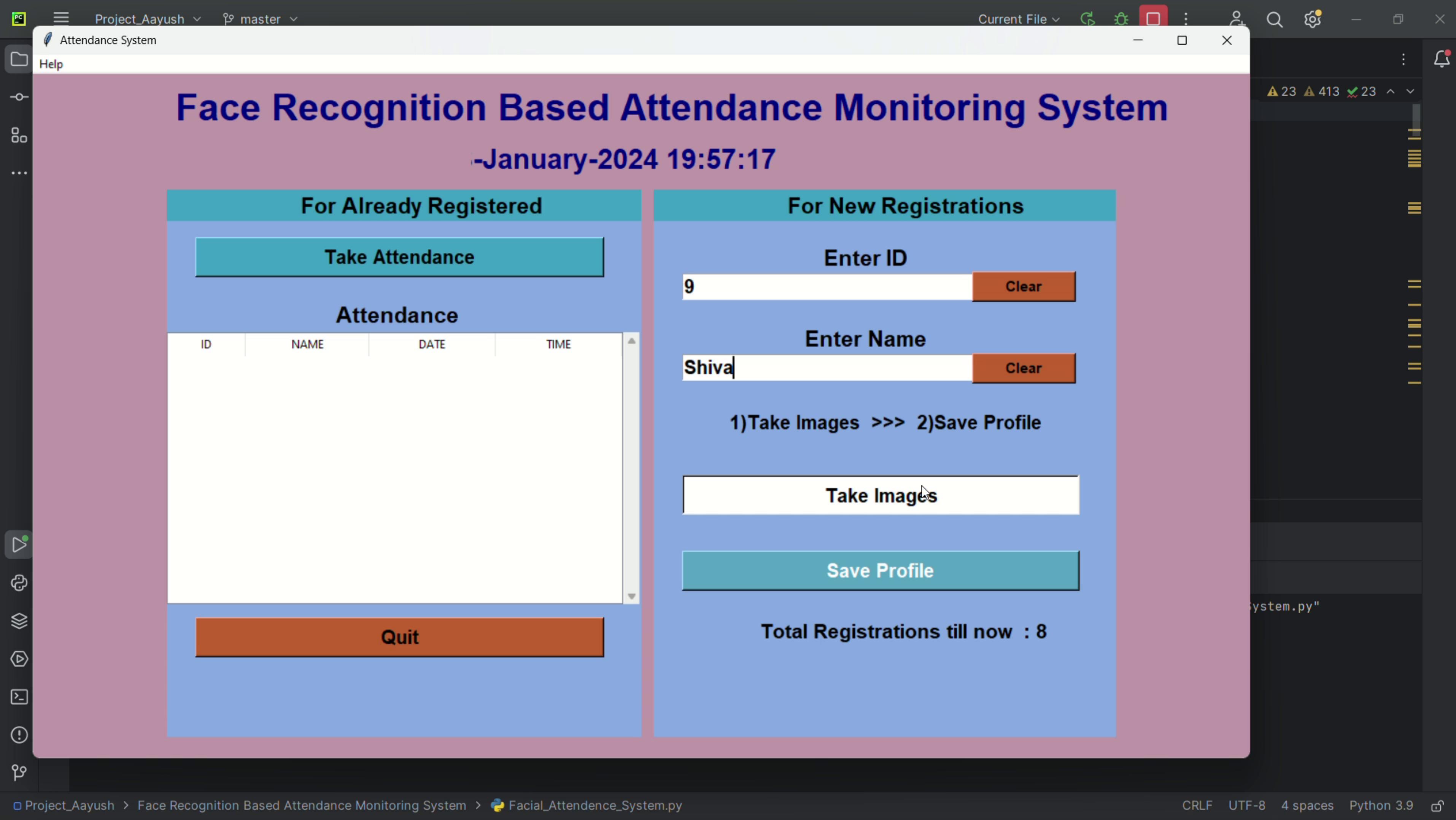
(base) PS C:\Users\DIVYANSHU\Desktop\Project>

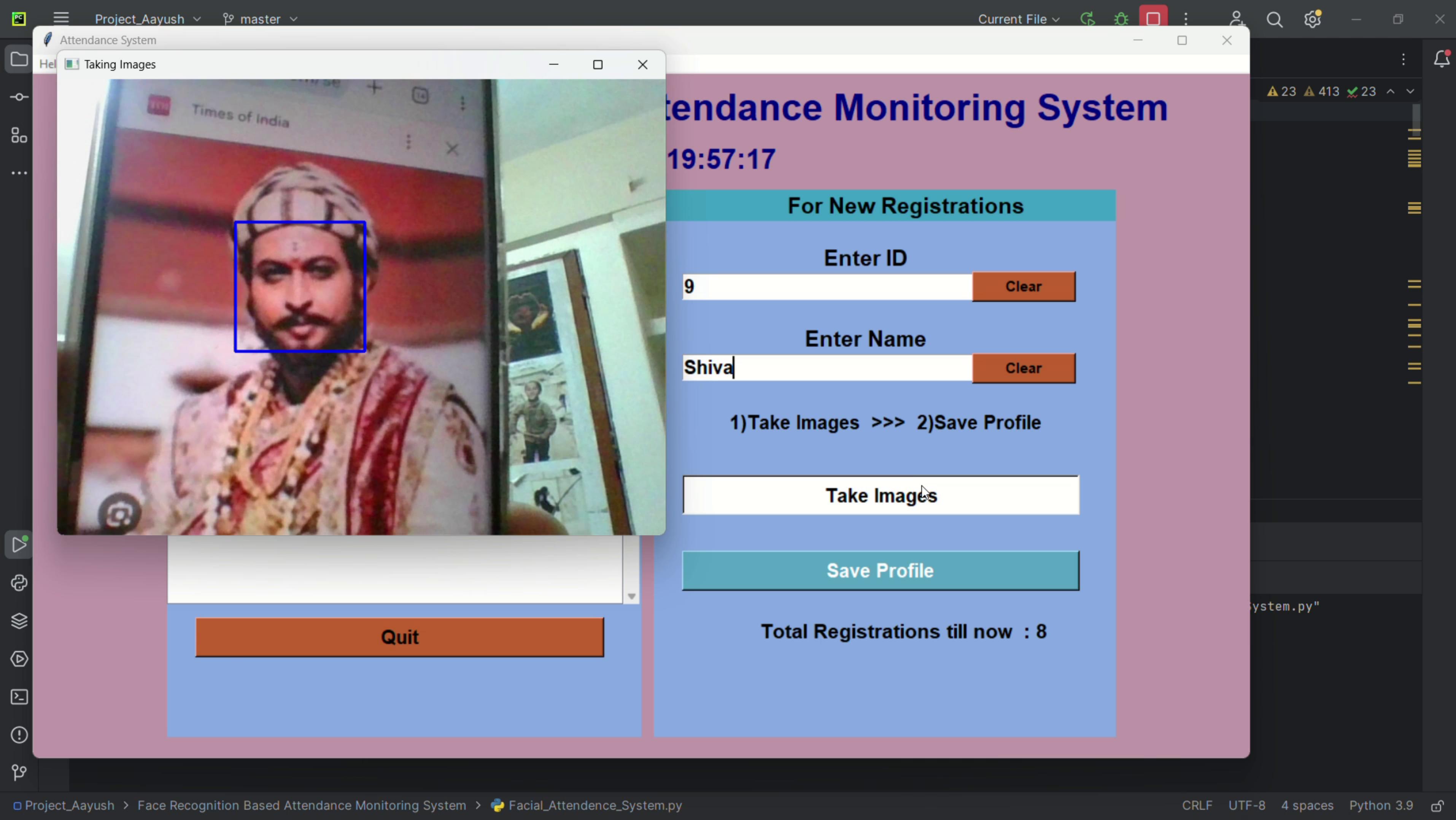


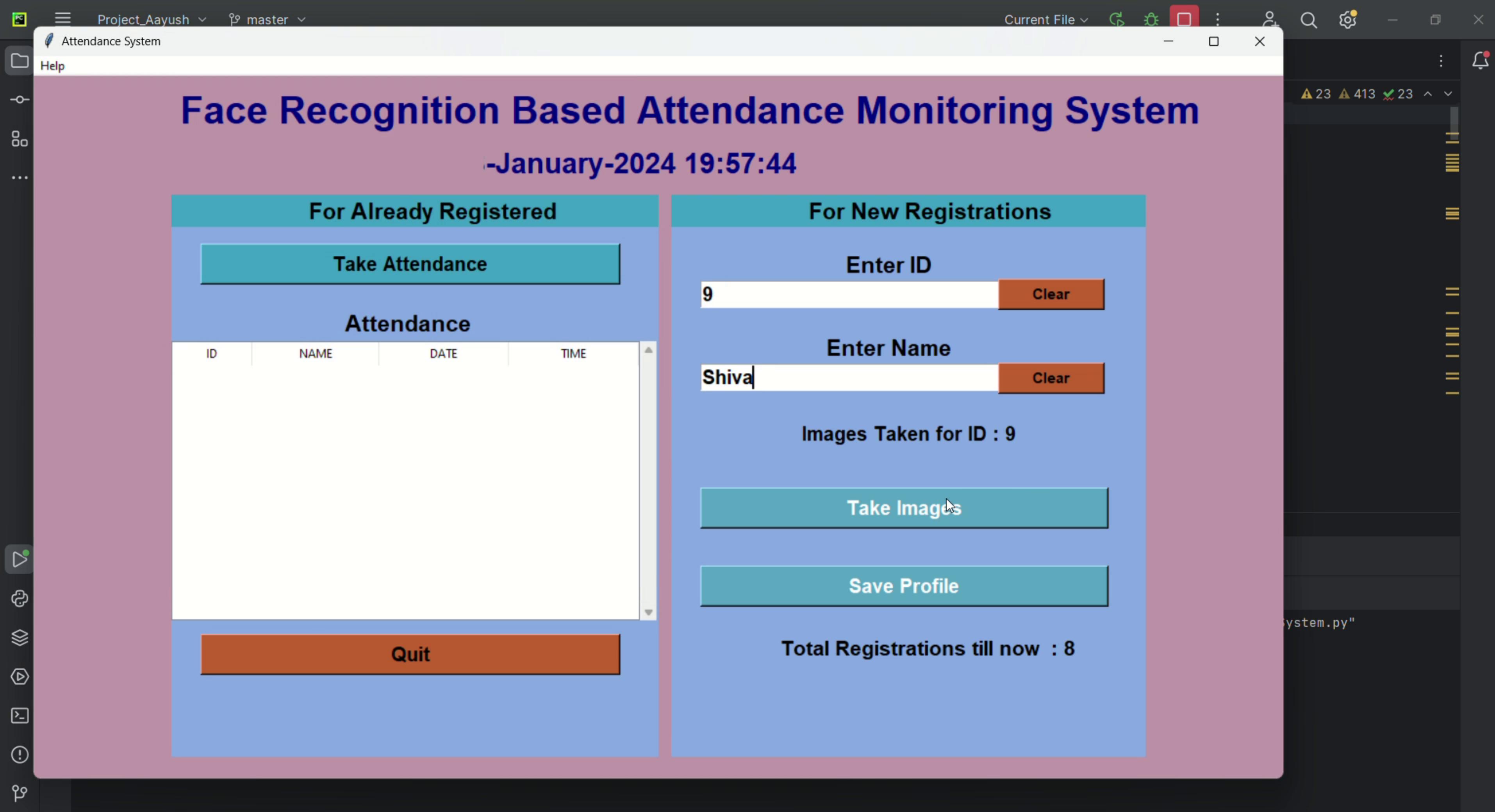


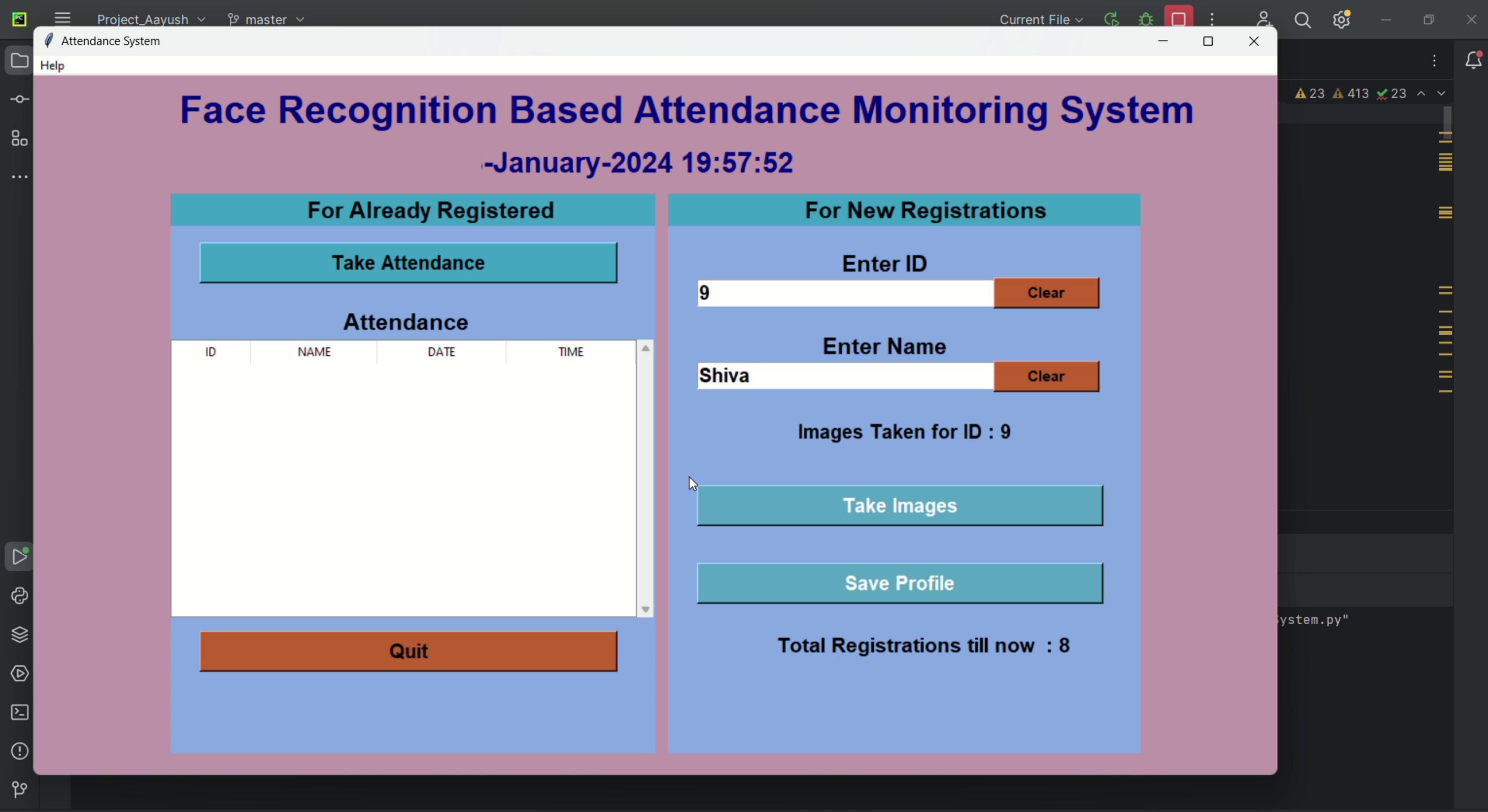


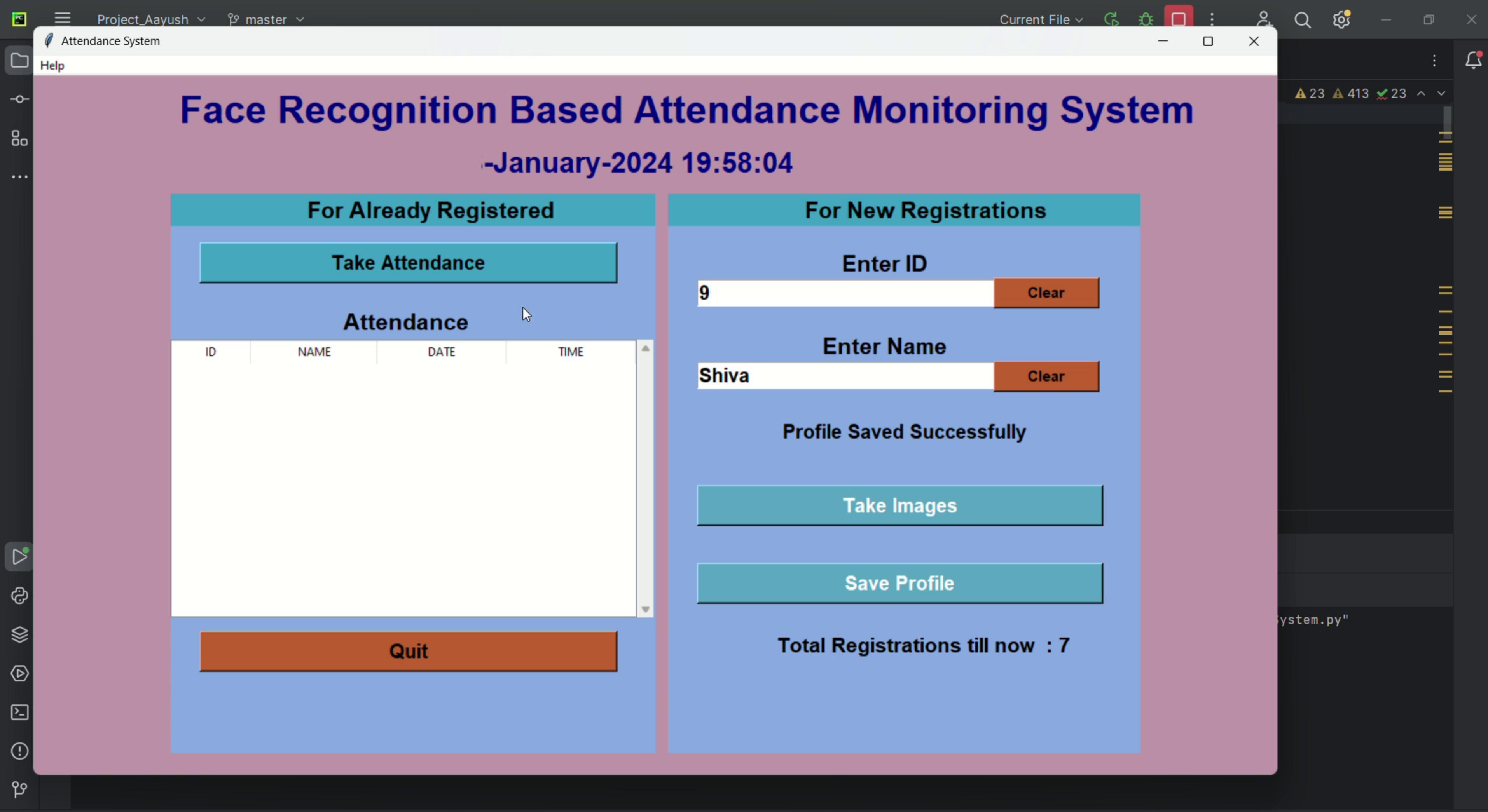


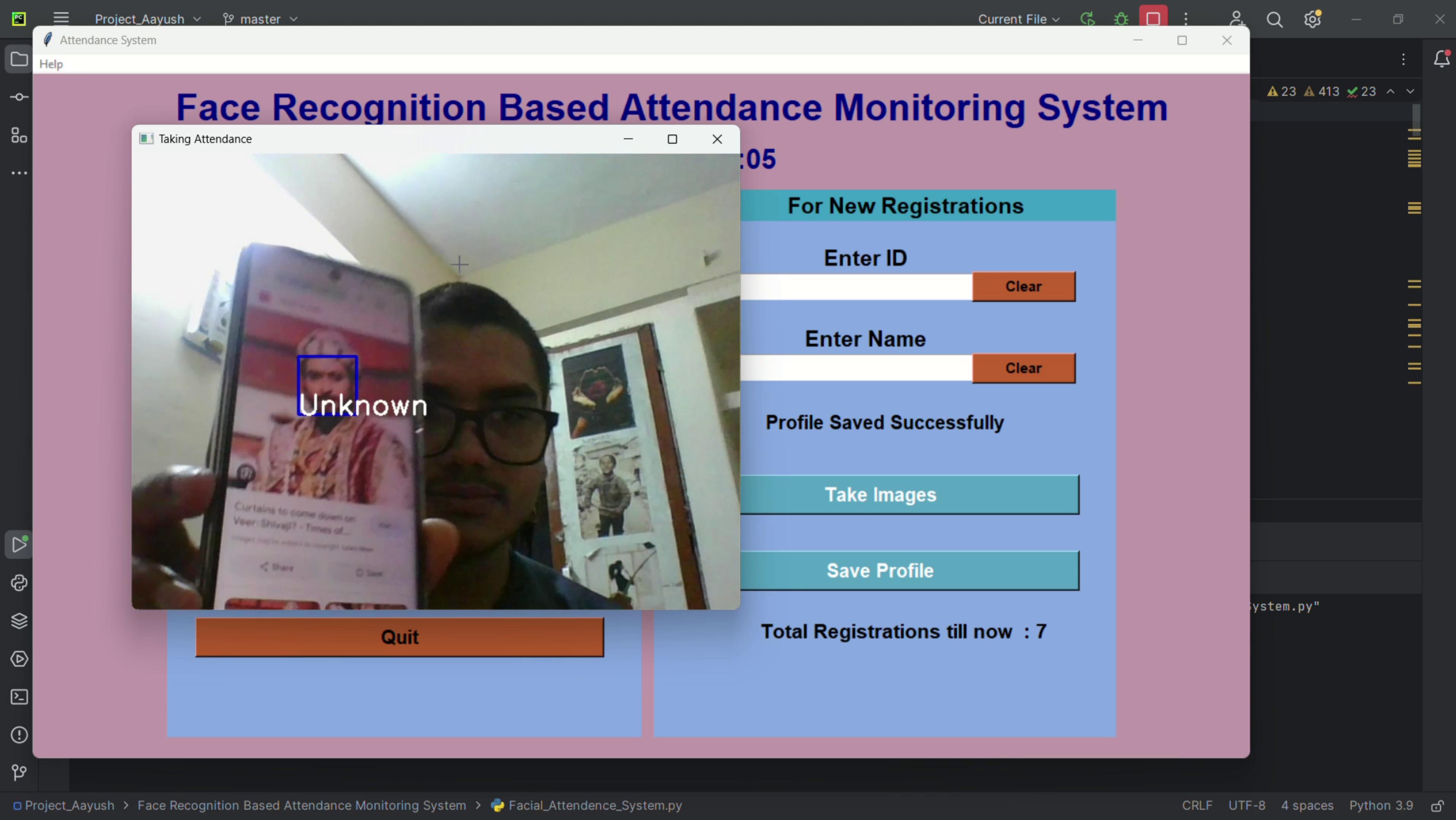
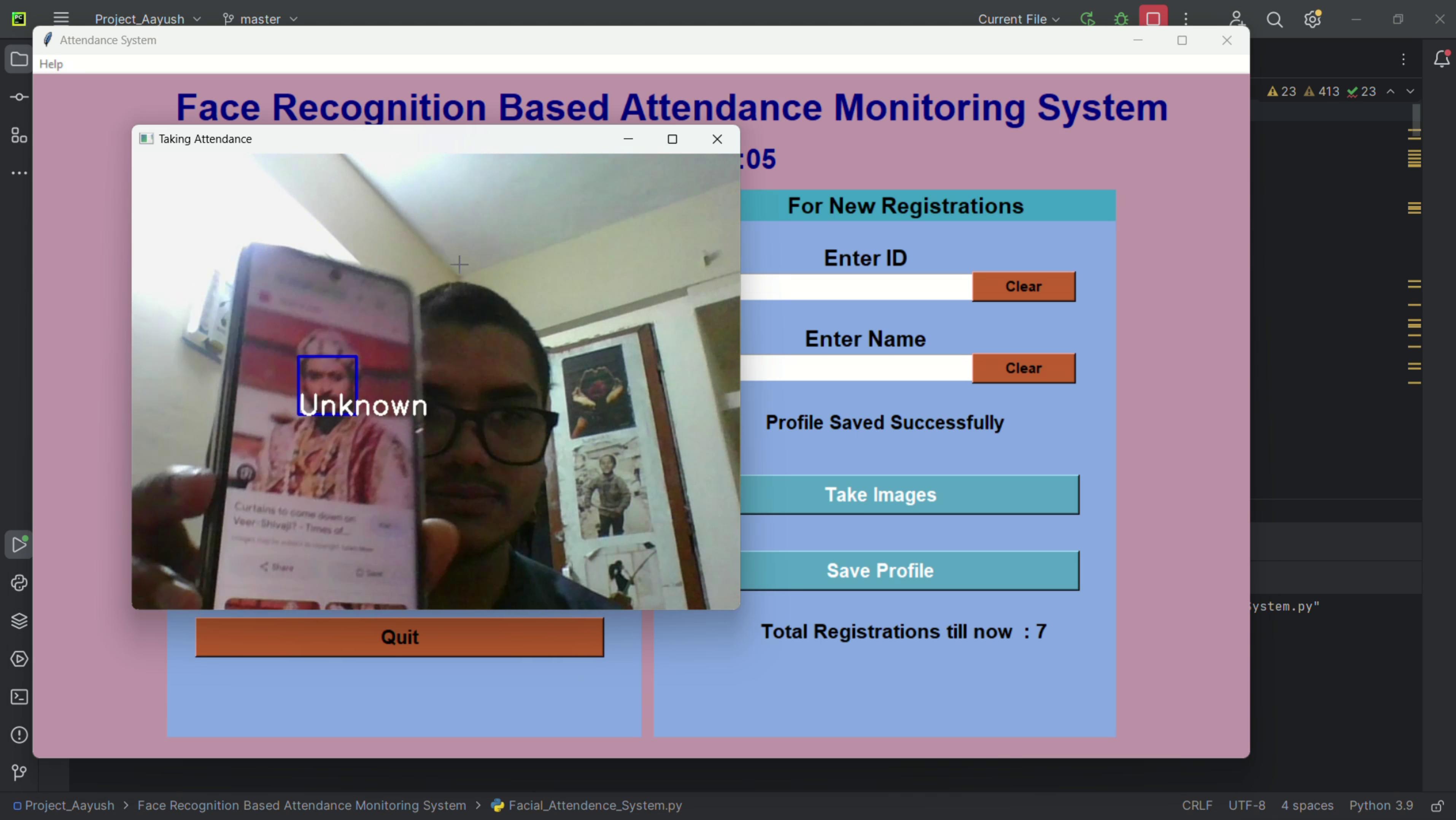








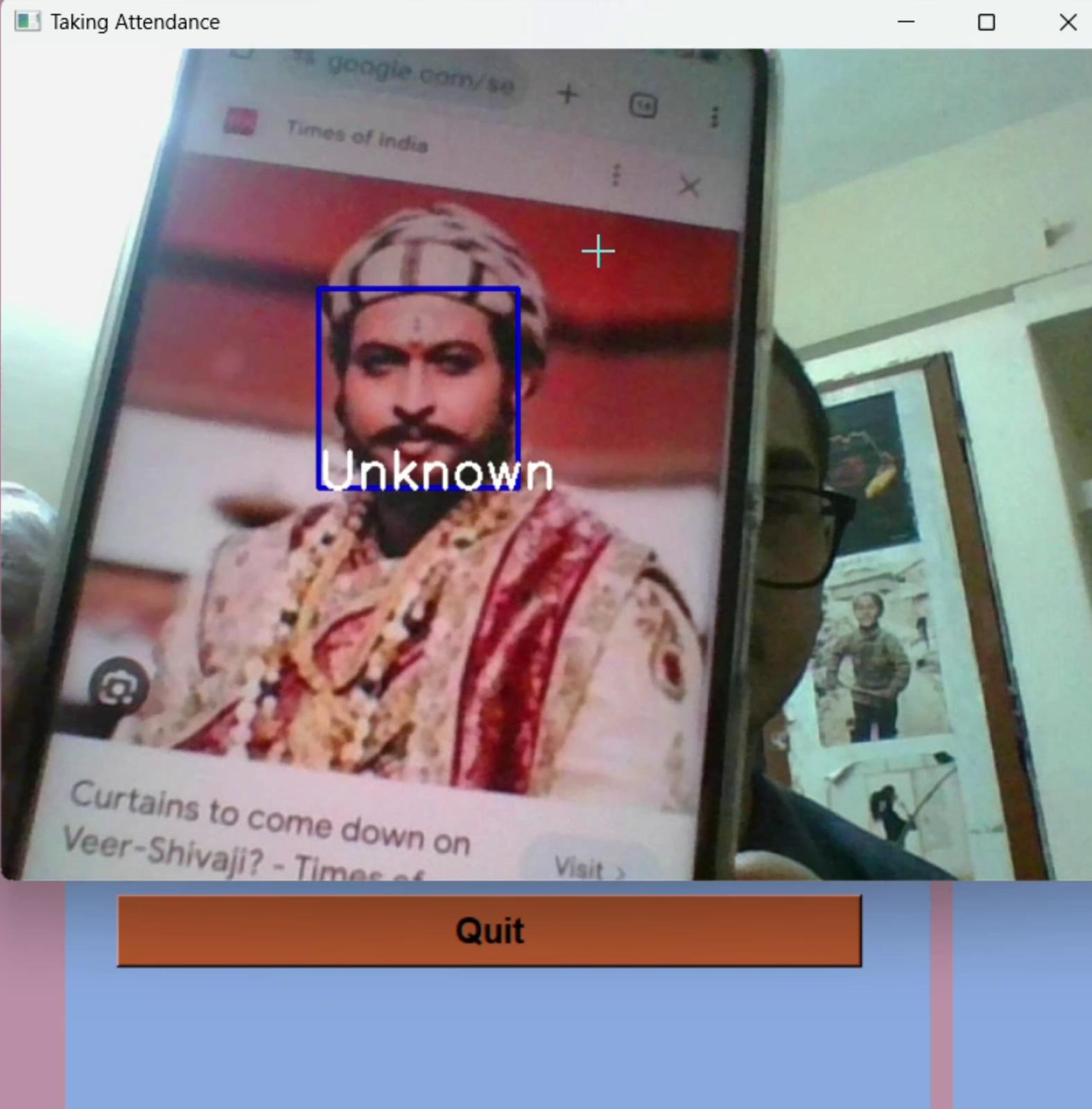




Attendance System

Help

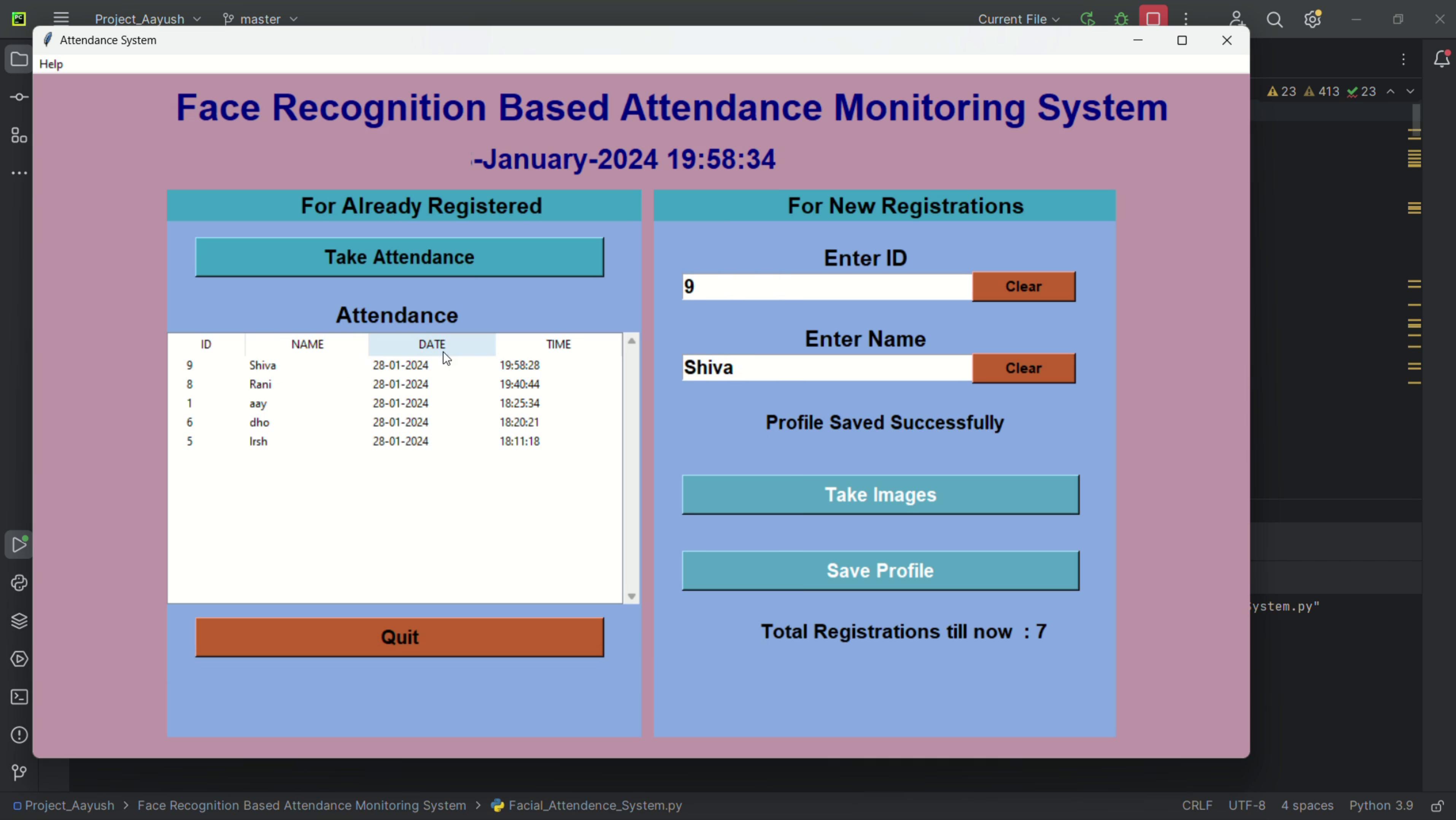
Face Recognition Based Attendance Monitoring System



:05

For New Registrations**Enter ID****Clear****Enter Name****Clear****Profile Saved Successfully****Take Images****Save Profile****Total Registrations till now : 7**

system.py"



Attendance System

Help

▲ 23 ▲ 413 ✅ 23

Face Recognition Based Attendance Monitoring System

-January-2024 19:58:44

For Already Registered

Take Attendance

Attendance

| ID | NAME | DATE | TIME |
|----|-------|------------|----------|
| 9 | Shiva | 28-01-2024 | 19:58:28 |
| 8 | Rani | 28-01-2024 | 19:40:44 |
| 1 | aay | 28-01-2024 | 18:25:34 |
| 6 | dho | 28-01-2024 | 18:20:21 |
| 5 | Irsh | 28-01-2024 | 18:11:18 |

For New Registrations

Enter ID

Clear

Enter Name

Clear

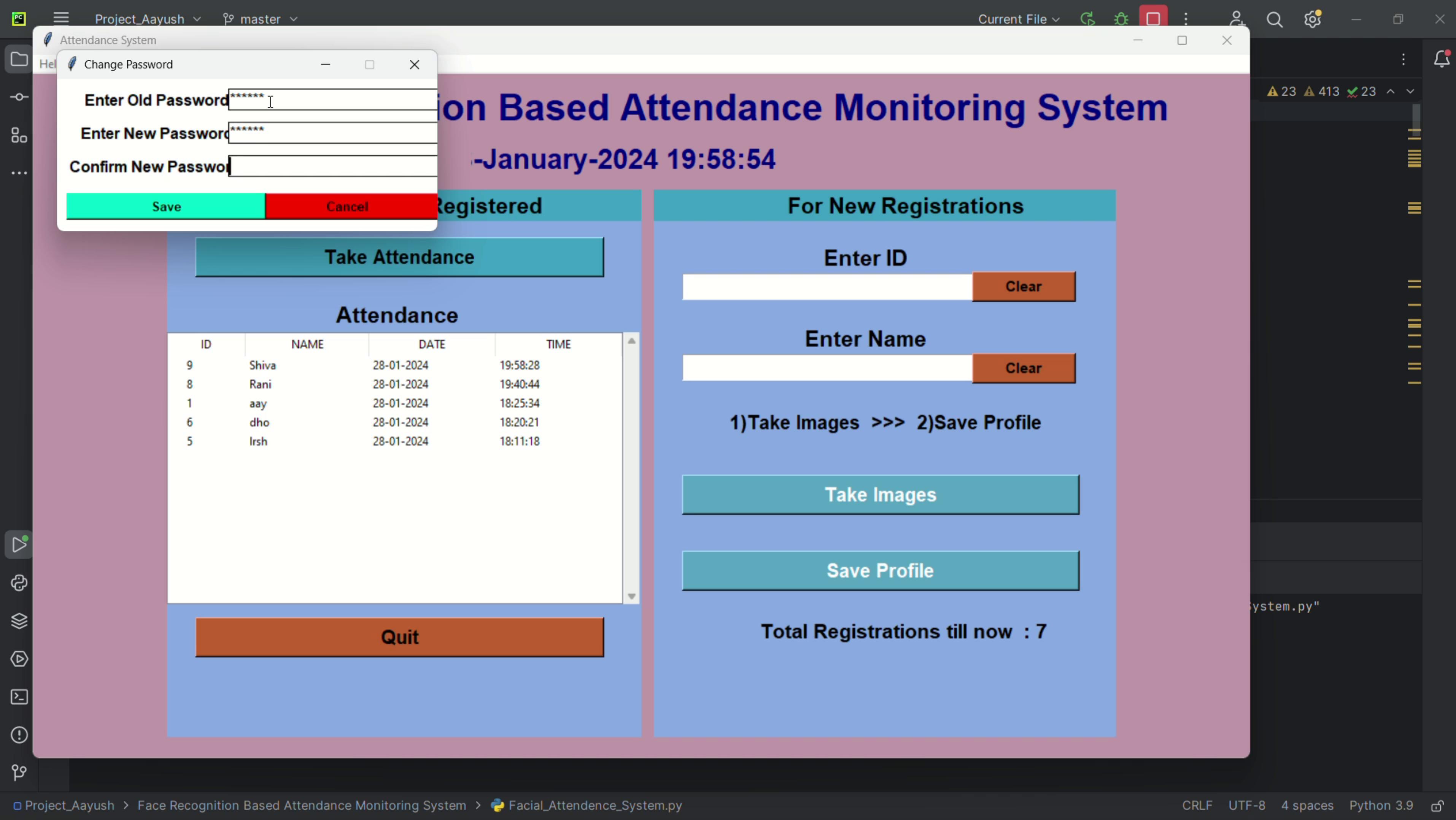
1)Take Images >> 2)Save Profile

Take Images

Save Profile

Total Registrations till now : 7

Quit



Attendance System

Help

Face Recognition Based Attendance Monitoring System

-January-2024 19:59:04

For Already Registered

Take Attendance

Attendance

| ID | NAME | DATE | TIME |
|----|-------|------------|----------|
| 9 | Shiva | 28-01-2024 | 19:58:28 |
| 8 | Rani | 28-01-2024 | 19:40:44 |
| 1 | aay | 28-01-2024 | 18:25:34 |
| 6 | dho | 28-01-2024 | 18:20:21 |
| 5 | Irsh | 28-01-2024 | 18:11:18 |

Quit

For New Registrations

Enter ID

Clear

Enter Name

Clear

1)Take Images >> 2)Save Profile

Take Images

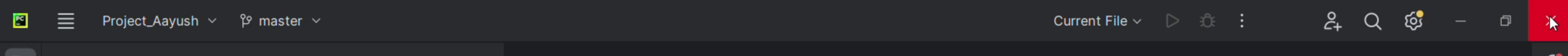
Save Profile

Total Registrations till now : 7

system.py"

The screenshot shows the PyCharm IDE interface with the following details:

- Project Structure:** The left sidebar displays the project structure under "Project_Aayush". It includes a "Project_Aayush [Project]" folder containing a "Face Recognition Based Attendance Monitoring System" module with sub-folders like ".idea", "Attendance", "StudentDetails", "TrainingImage", "TrainingImageLabel", and "venv". A file named "Facial_Attendance_System.py" is selected and highlighted.
- Code Editor:** The main editor window shows the code for "Facial_Attendance_System.py". The code imports various Python libraries such as tkinter, cv2, os, csv, numpy, PIL, pandas, and datetime. It also defines a function "assure_path_exists" which creates directory paths if they do not exist. The code editor has status indicators at the top right: 23 warnings, 413 errors, and 23 code smells.
- Run Tab:** The bottom tab bar shows the "Run" tab is active, with the configuration "Facial_Attendance_System" selected. The run log below shows the command "C:\Users\DIVYANSHU\anaconda3\python.exe" being executed followed by the path to the Python script.
- Output Log:** The run log indicates "Process finished with exit code 0".
- Bottom Status Bar:** The status bar at the bottom shows the current file is "Facial_Attendance_System.py", and the settings are "CRLF", "UTF-8", "4 spaces", and "Python 3.9".



Project

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Facial_Attendance_System.py LICENSE

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Run Facial_Attendance_System

C:\Users\DIVYANSHU\anaconda3\python.exe "C:\Users\DIVYANSHU\Desktop\Project_Aayush\Face Recognition Based Attendance Monitoring System\Facial_Attendance_System.py"

Process finished with exit code 0