

# **Advance Internship@Clevered Facial Recognition Attendance System**

## **App User Manual**

**Author: Gauri Mohan**

# Table of Contents

- Acknowledgements
- About Me
- About my Internship
- About the App
- How to use the App
- Contact info

# Acknowledgements

A small vote of thanks for all who have helped you in this journey of App Development – my parents, Mr Ken, Clevered, and Mentors

# About Me



My name is Gauri Mohan. I am a high school student with a strong interest in computer science and technology. I enjoy reading, learning new skills, and taking on projects that challenge me.

# About My Internship with Clevered

During my internship, I gained hands-on experience in computer vision and software development. I learned how to work with real-time face recognition and manage databases. The internship also helped me develop problem-solving skills and a better understanding of applying technology to real-world problems.

# About App

This Python-based app uses facial recognition technology to log attendance quickly and securely. By scanning and identifying faces in real time, it automates the check-in process and eliminates the need for manual entry or ID cards. It's fast, efficient, and built to make attendance tracking smarter.

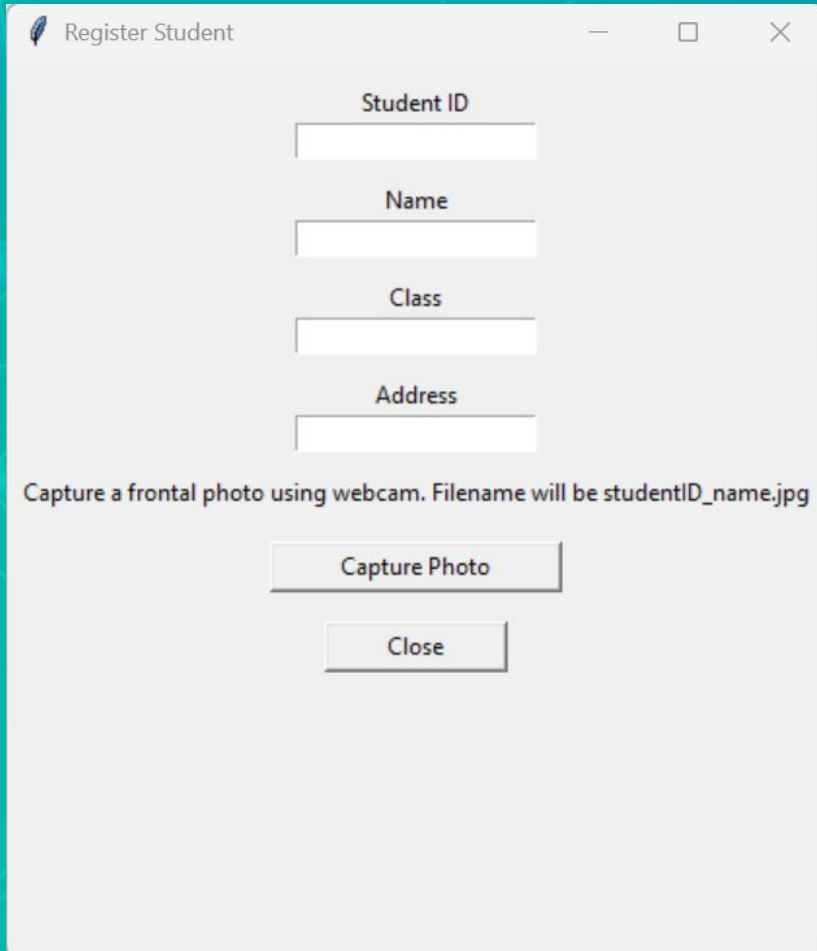
The app opens with a straightforward main menu designed for quick navigation. From here, users can register new students, initiate the attendance process, view logged records, refresh facial data encodings, or exit the application. Each option plays a key role in managing the facial recognition attendance system efficiently.





**How do I use the App?**

# Register Student

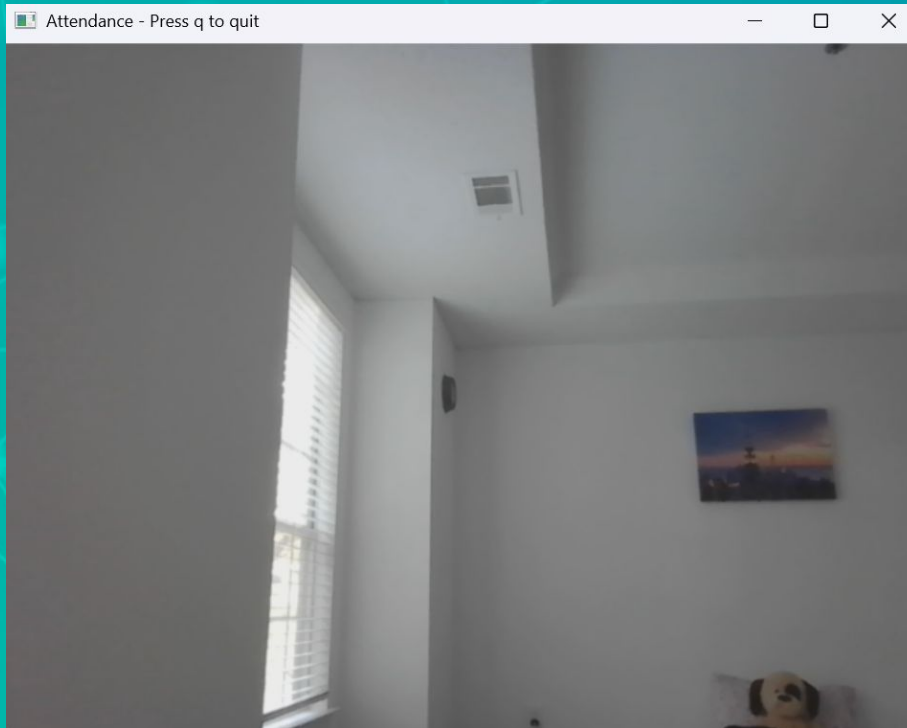


The screenshot shows a window titled "Register Student" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there are four text input fields stacked vertically, each with a label above it: "Student ID", "Name", "Class", and "Address". Below these fields is a line of instructional text: "Capture a frontal photo using webcam. Filename will be studentID\_name.jpg". At the bottom of the window, there are two buttons: "Capture Photo" and "Close".

This option allows users to input essential student details such as ID, name, class, and address and capture a frontal photo using the webcam. The image is saved with a filename format based on the student's ID and name. It's the first step in onboarding a student into the app's database.

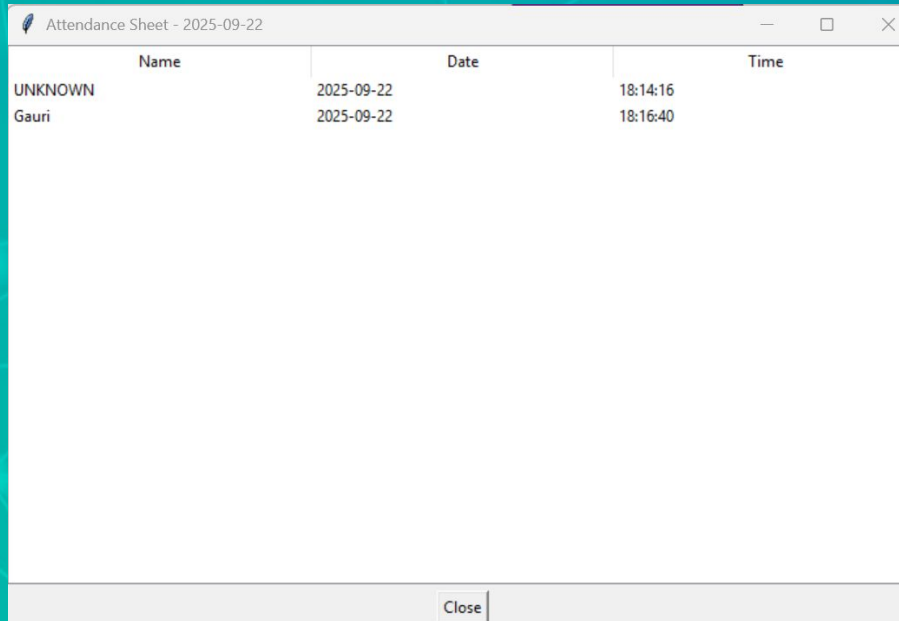


# Start Attendance



This function activates the webcam and begins scanning faces. Using facial recognition, it matches detected faces against the registered database and logs attendance automatically. Recognized students are marked present, while unknown faces are flagged for review.

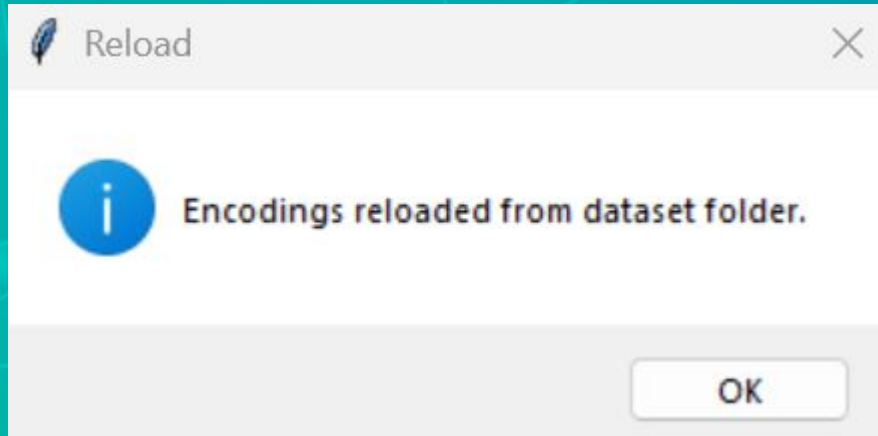
# View Attendance



Name	Date	Time
UNKNOWN	2025-09-22	18:14:16
Gauri	2025-09-22	18:16:40

This option displays the attendance records for the current date in a tabular format. If a record exists, users can view names, dates, and timestamps of logged entries. If no file is found, the app notifies the user accordingly.

# Reload Encodings



This feature refreshes the facial data encodings from the dataset folder, ensuring that the system stays up-to-date with any newly registered students or updated images.

# Exit

This button closes the application, ending the session and releasing system resources like the webcam.

# Contact Person

For any questions, concerns, or suggestions regarding the app, please reach out to Gauri Mohan at [gaurimohan9@gmail.com](mailto:gaurimohan9@gmail.com).

Your feedback is always welcome and appreciated!



**Thank you!**