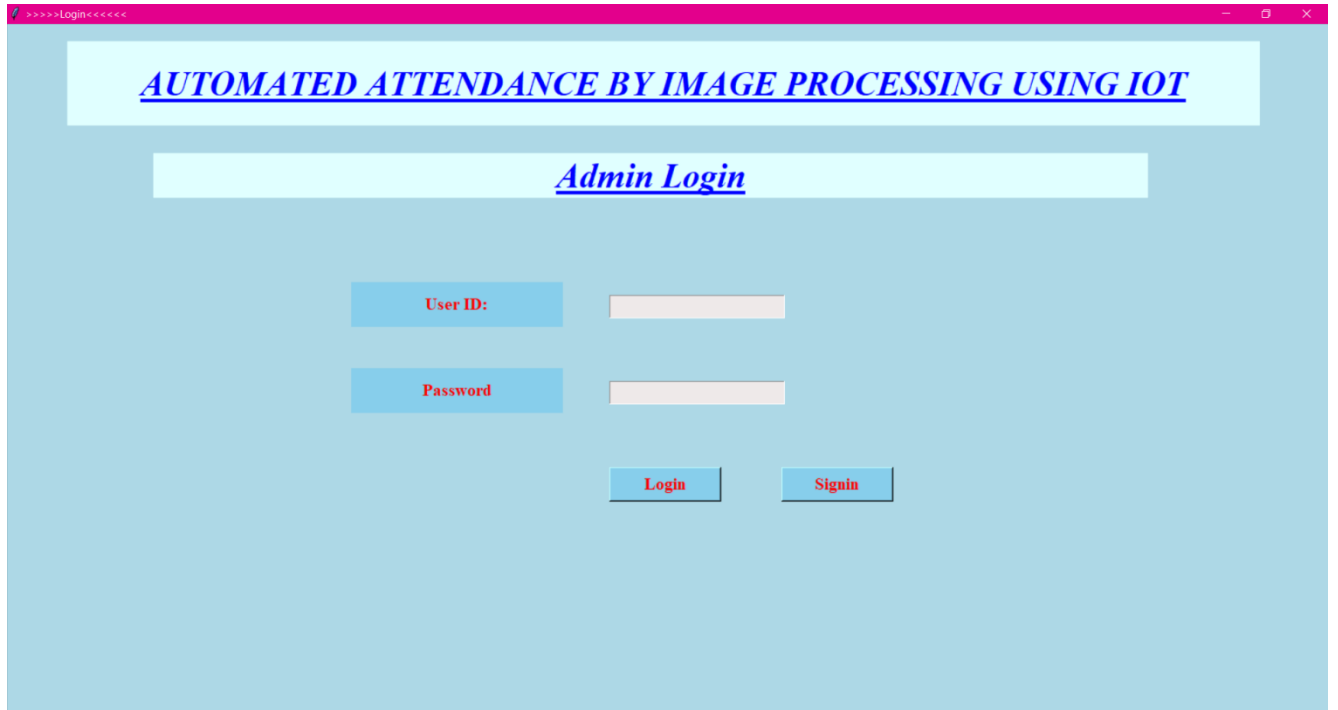


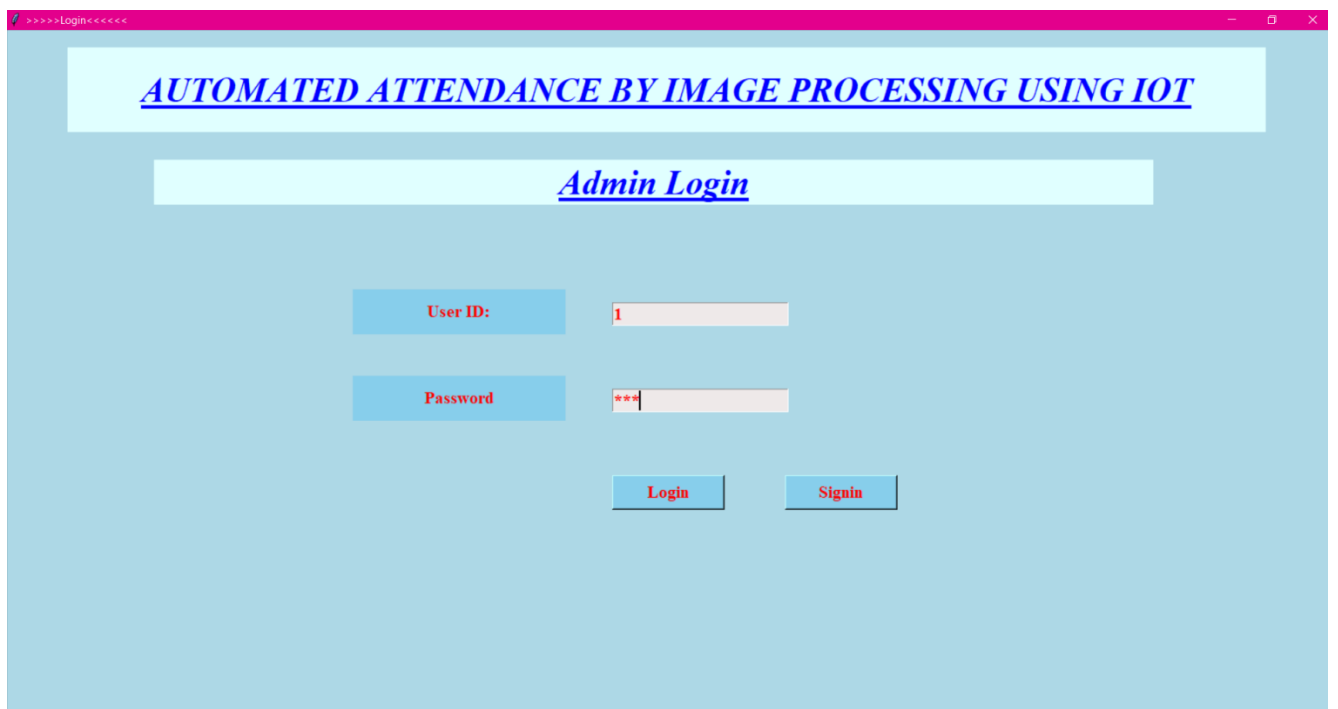
# Automated Attendance by image processing using IoT

## Automated Attendance GUI



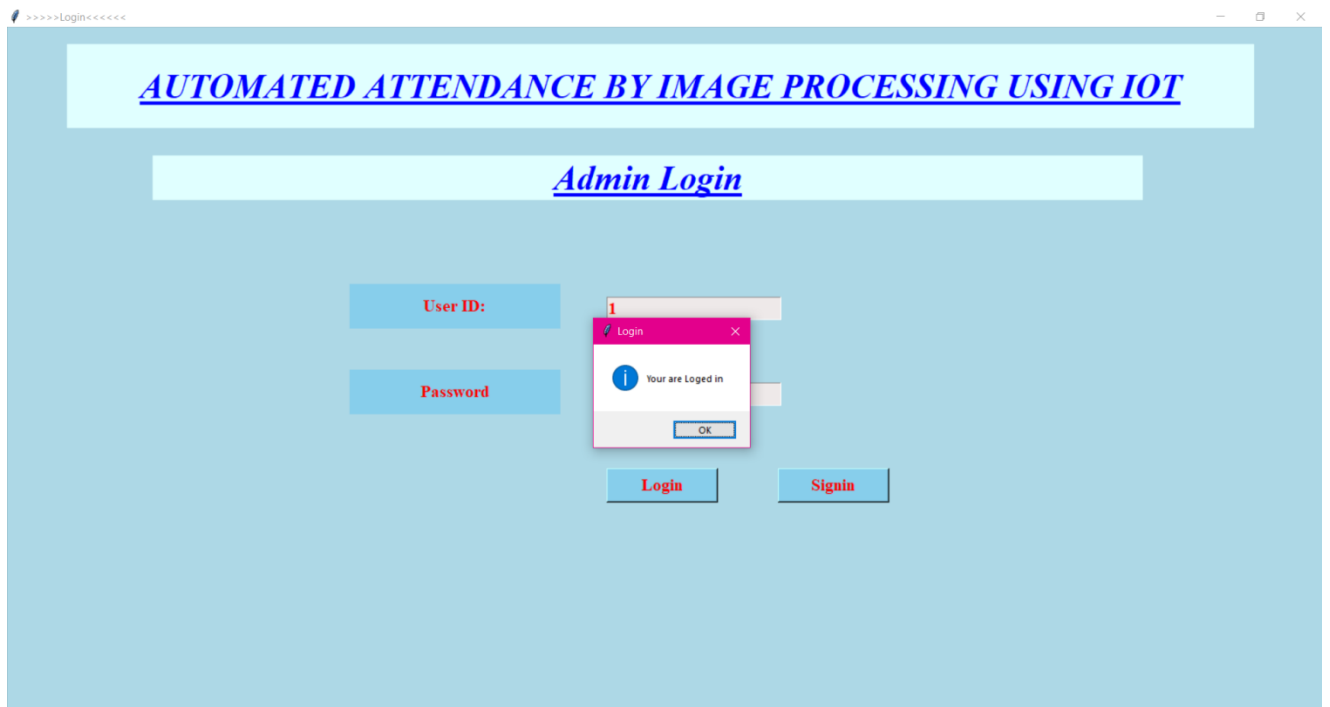
A screenshot of a web application window titled "Automated Attendance GUI". The window has a pink header bar with the text "Automated Attendance GUI" and a close button. The main content area is light blue. At the top, there is a white box containing the text "AUTOMATED ATTENDANCE BY IMAGE PROCESSING USING IOT" in blue, underlined, italicized font. Below this, there is a white box containing the text "Admin Login" in blue, underlined, italicized font. In the center, there are two input fields: "User ID:" and "Password:". Below the "User ID:" field, there is a "Login" button. Below the "Password:" field, there is a "Signin" button.

## User Login

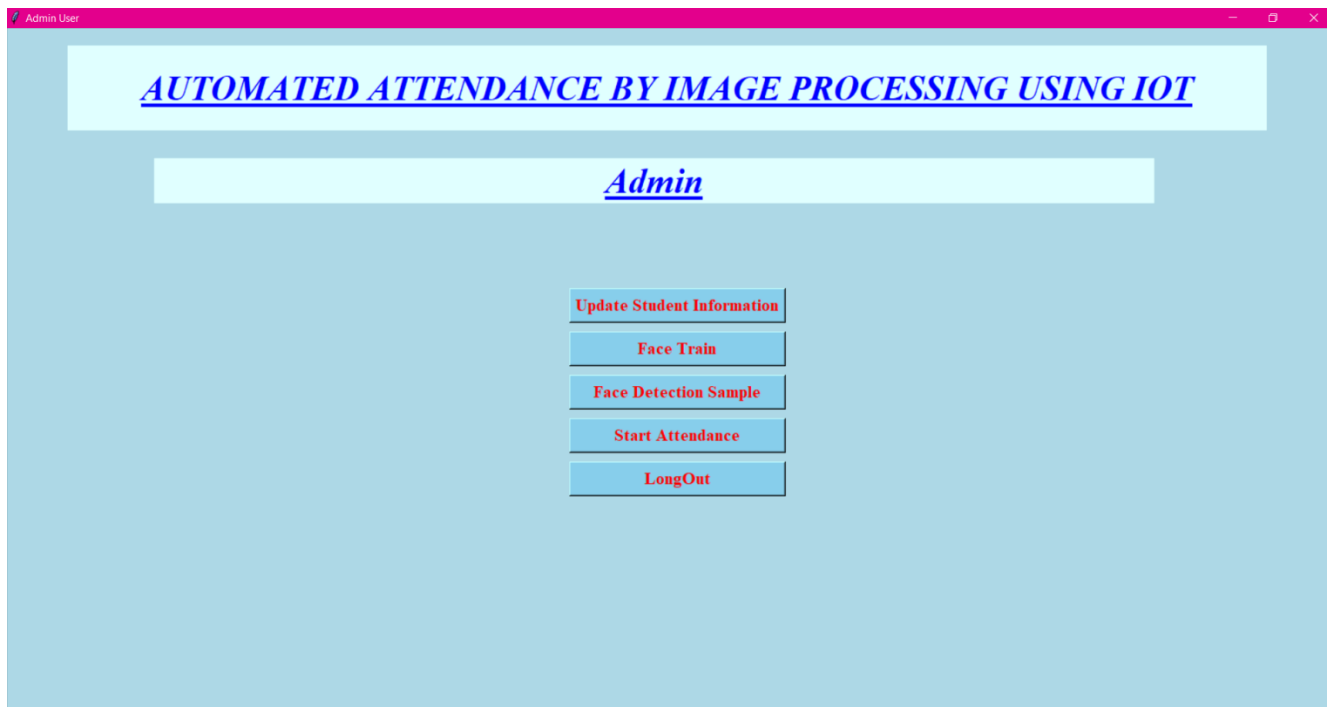


A screenshot of the same web application window, but now showing the "User Login" screen. The window title is "Automated Attendance GUI". The main content area is light blue. At the top, there is a white box containing the text "AUTOMATED ATTENDANCE BY IMAGE PROCESSING USING IOT" in blue, underlined, italicized font. Below this, there is a white box containing the text "Admin Login" in blue, underlined, italicized font. In the center, there are two input fields: "User ID:" and "Password:". The "User ID:" field contains the text "1". The "Password:" field contains three asterisks "\*\*\*". Below the "User ID:" field, there is a "Login" button. Below the "Password:" field, there is a "Signin" button.

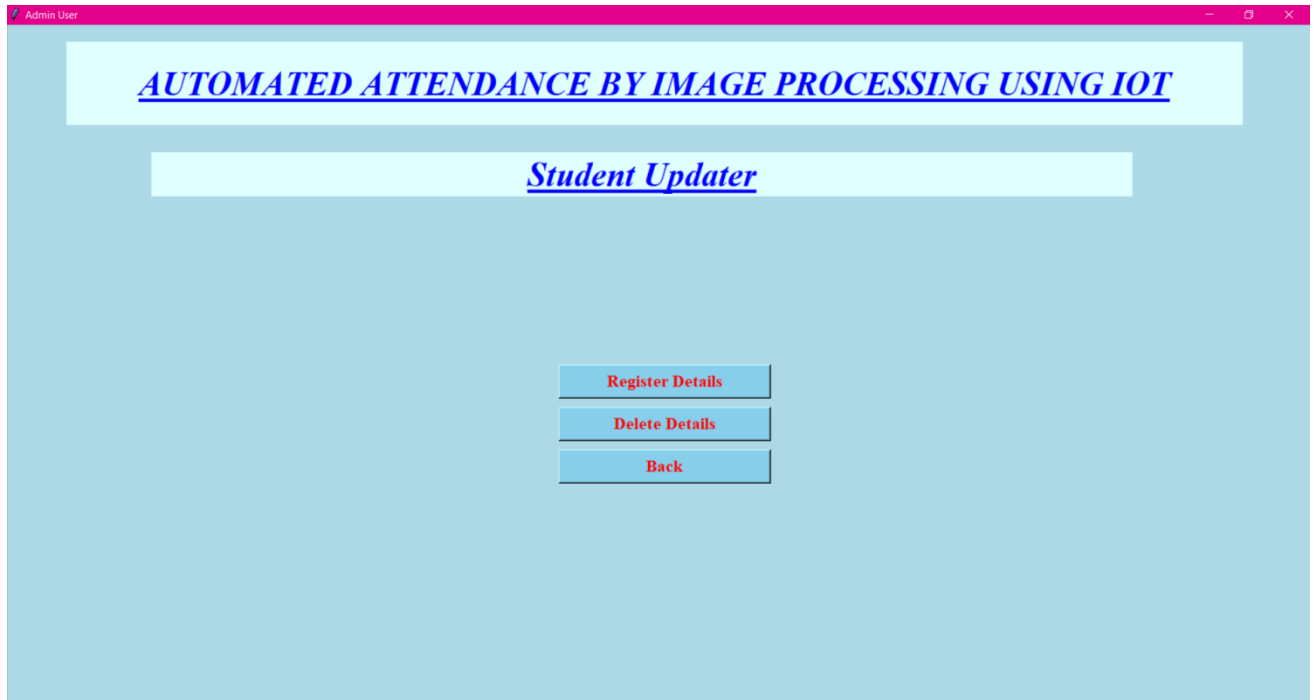
## Admin User Confirmation



## Applications



## Update Student Information GUI



Admin User

*AUTOMATED ATTENDANCE BY IMAGE PROCESSING USING IOT*

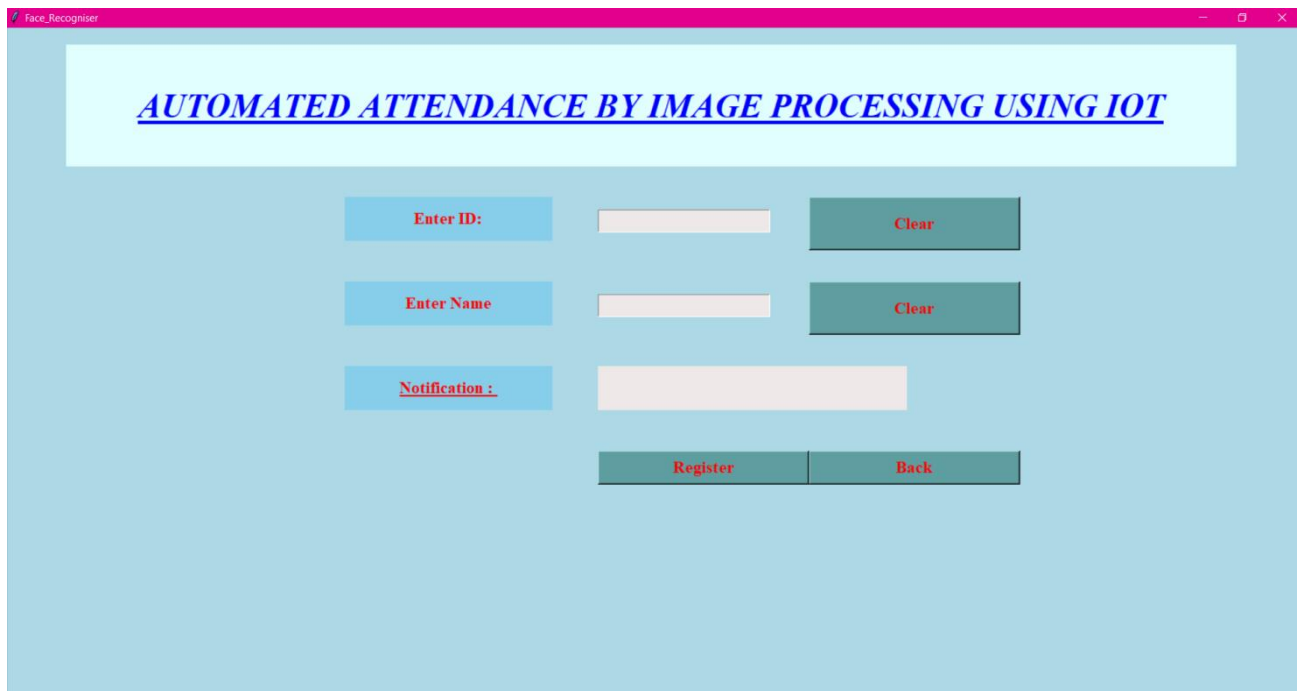
*Student Updater*

Register Details

Delete Details

Back

## Register Student



Face\_Recogniser

*AUTOMATED ATTENDANCE BY IMAGE PROCESSING USING IOT*

Enter ID:

Clear

Enter Name

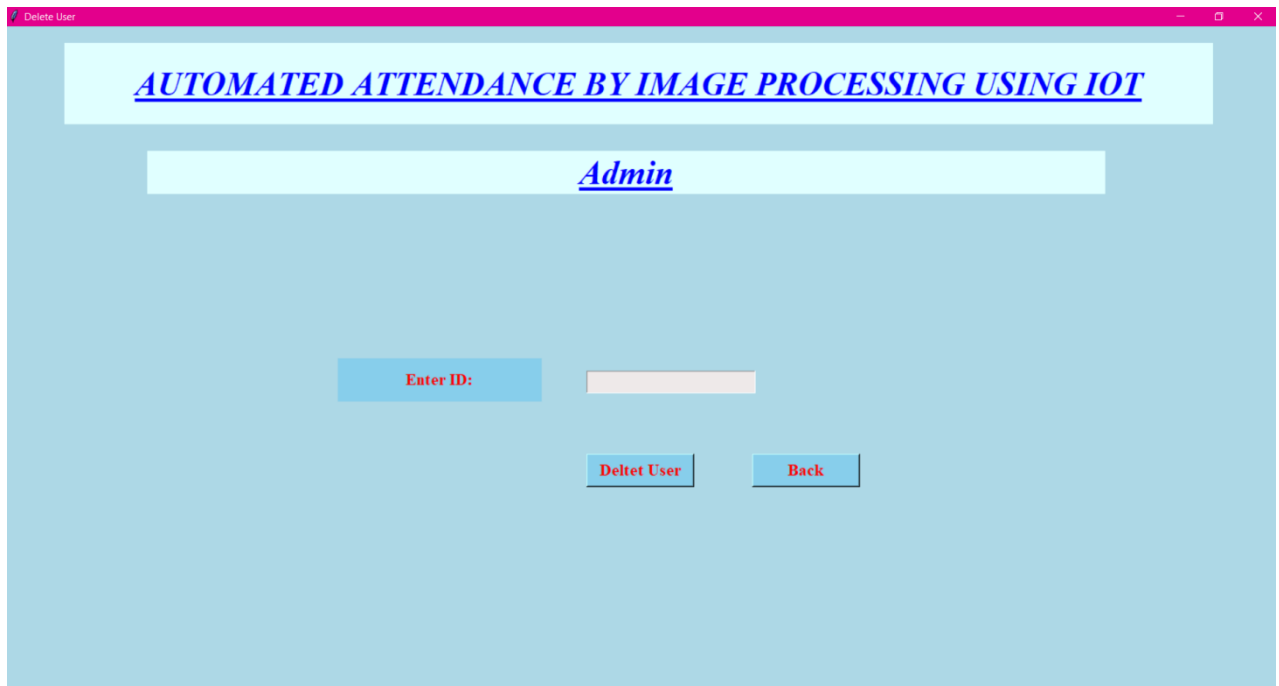
Clear

Notification :

Register

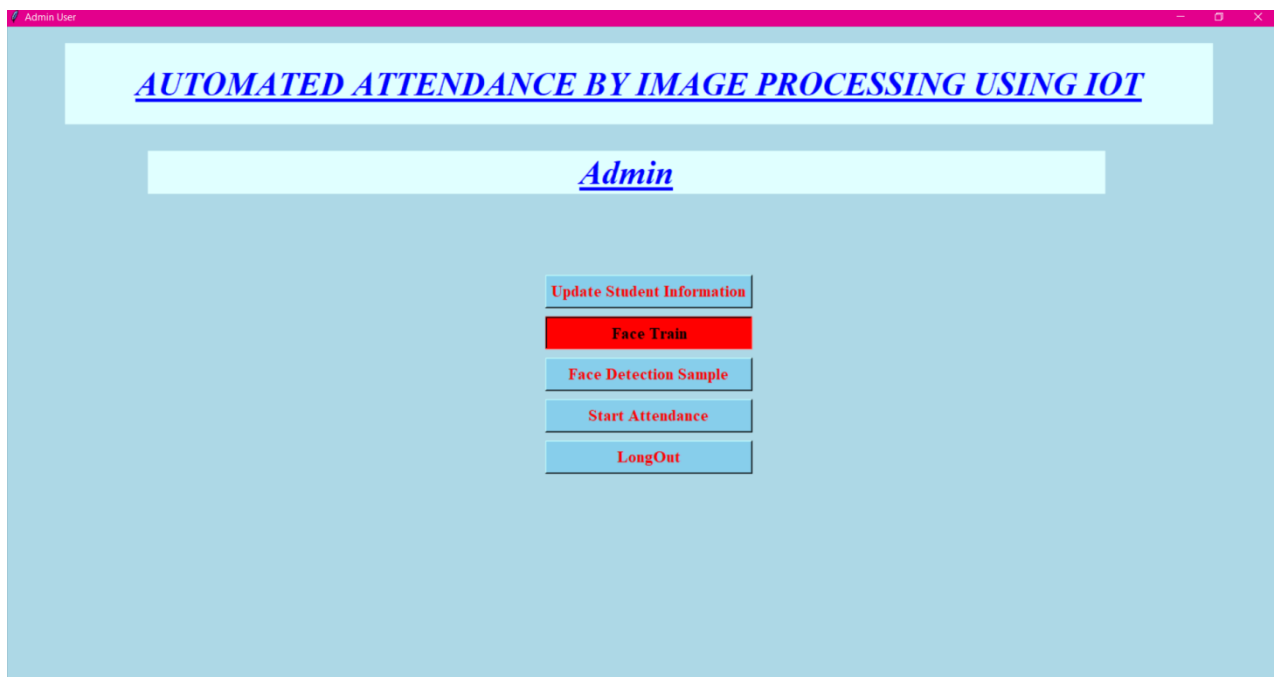
Back

## Delete Student Details



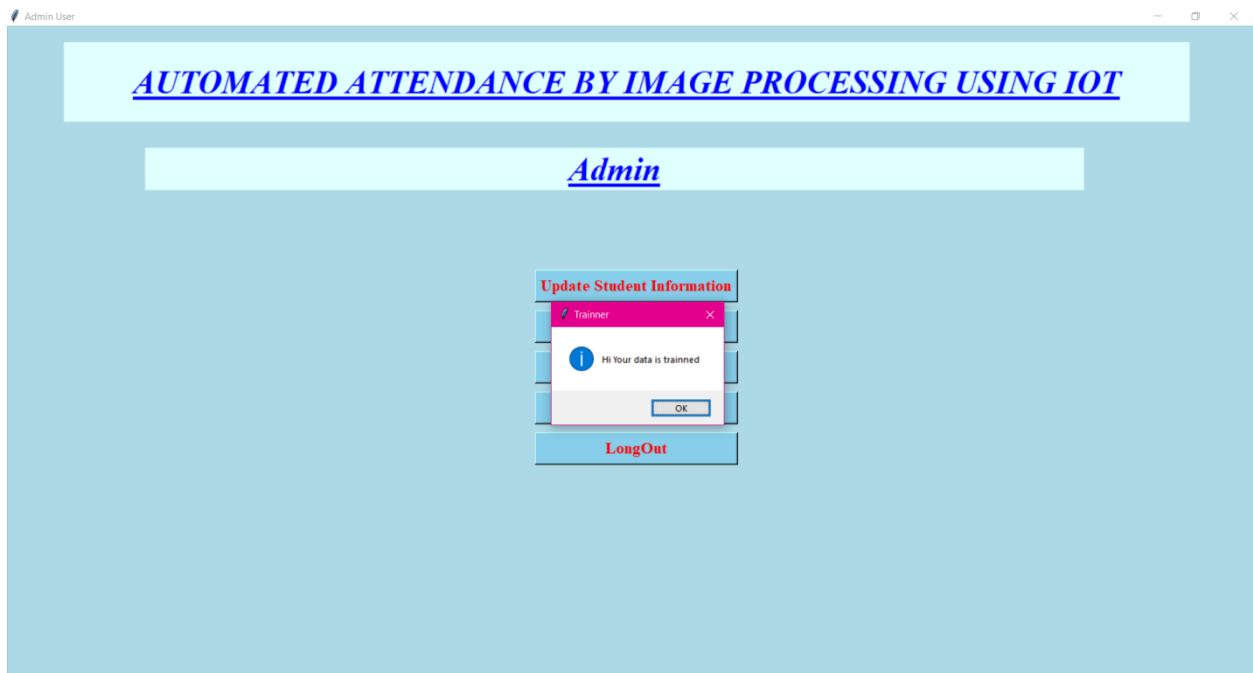
The screenshot shows a web browser window titled "Delete User". The page has a light blue background. At the top, there is a white rectangular box containing the text *AUTOMATED ATTENDANCE BY IMAGE PROCESSING USING IOT* in blue, underlined, italicized font. Below this, another white rectangular box contains the text *Admin* in blue, underlined, italicized font. In the center of the page, there is a light blue rectangular box with the text "Enter ID:" in red. To the right of this box is a white input field. Below the input field, there are two buttons: "Deltet User" and "Back", both with red text and black borders.

## Train Images

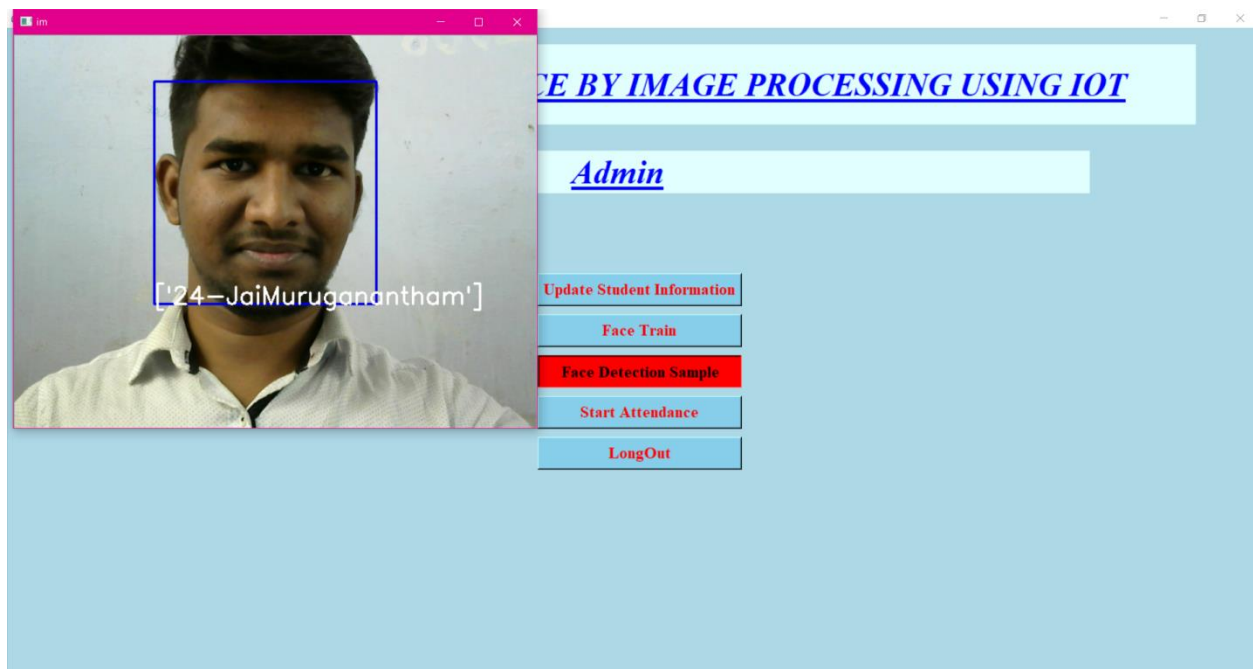


The screenshot shows a web browser window titled "Admin User". The page has a light blue background. At the top, there is a white rectangular box containing the text *AUTOMATED ATTENDANCE BY IMAGE PROCESSING USING IOT* in blue, underlined, italicized font. Below this, another white rectangular box contains the text *Admin* in blue, underlined, italicized font. In the center of the page, there is a vertical stack of five buttons: "Update Student Information" (light blue), "Face Train" (red), "Face Detection Sample" (light blue), "Start Attendance" (light blue), and "LongOut" (light blue). All buttons have black borders and red text.

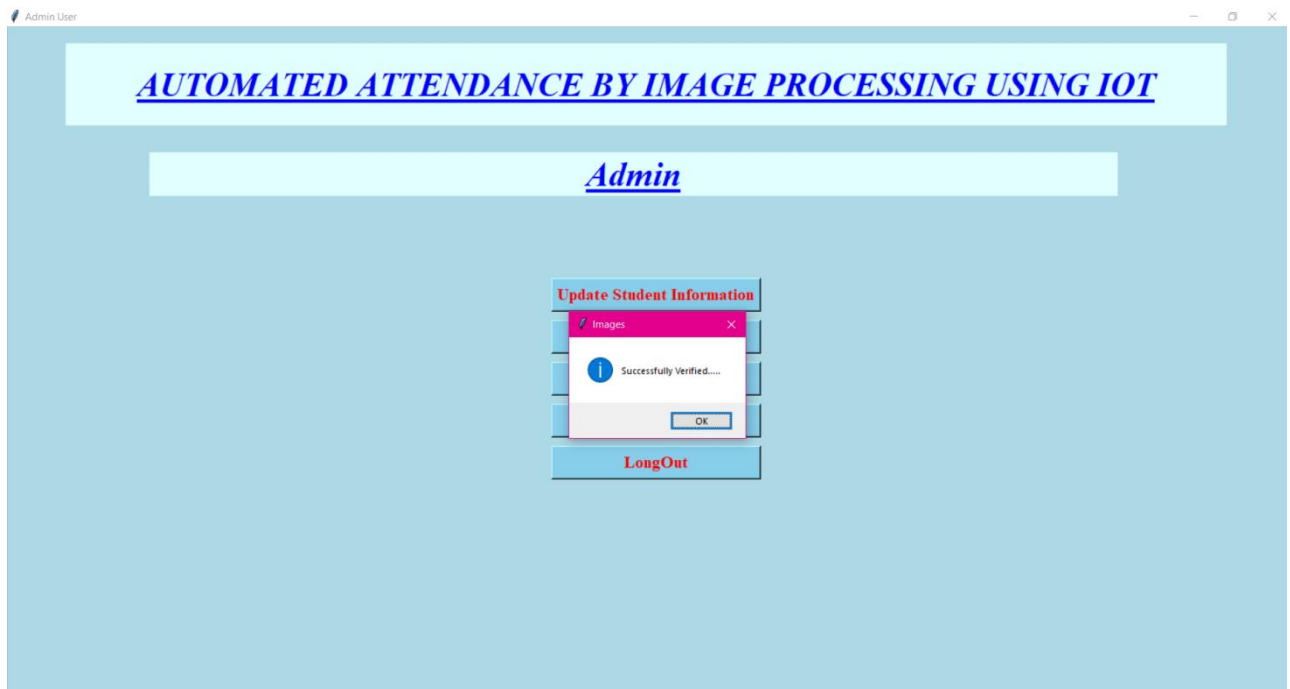
## Training confirmation



## Face Detection Sample



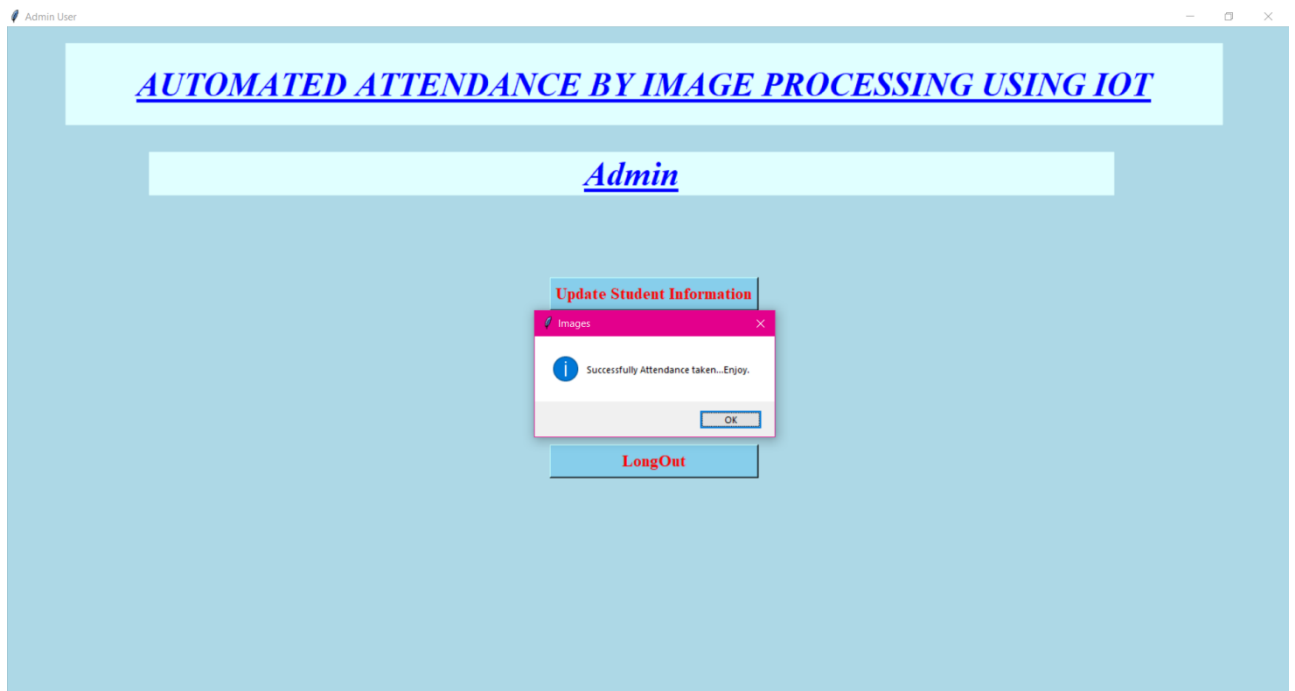
## Verificaiton Confirmation



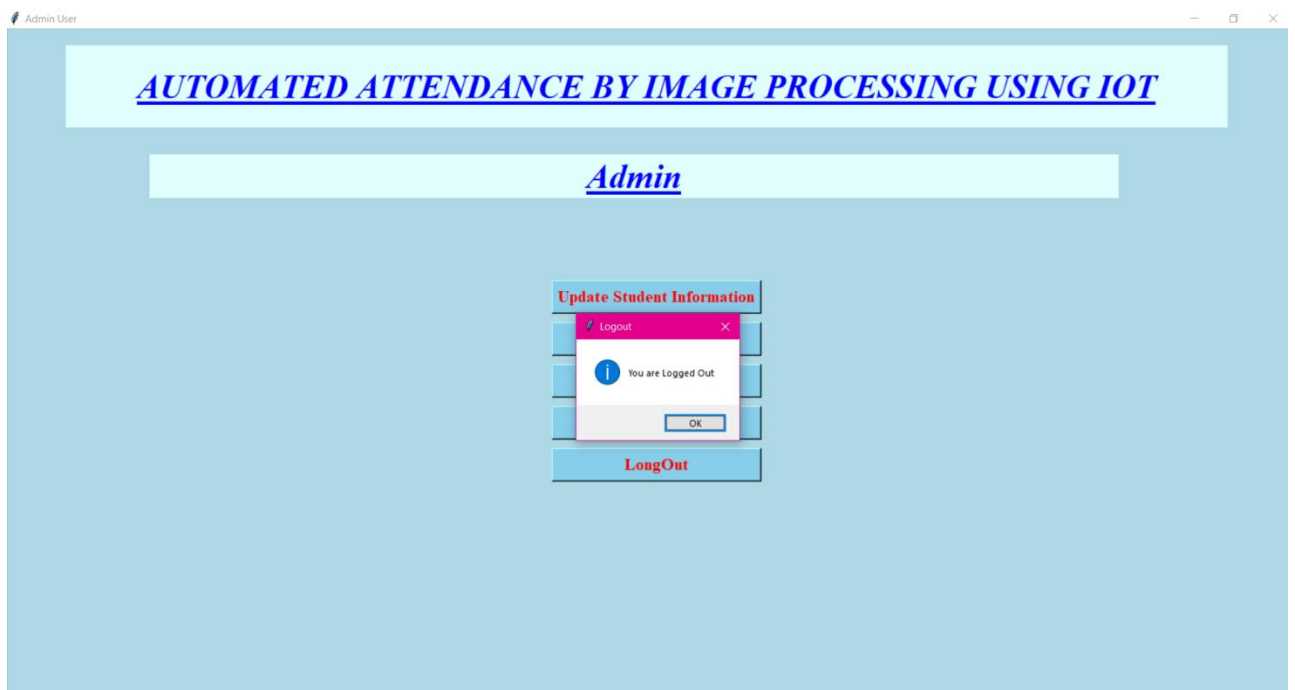
## Starting Attendance




## Attendance Confirmation



## Logout confirmation



## Checking Attendance from CSV file

Name	Date modified	Type	Size
 Attendance_2019-02-12_11-28-19	12-02-2019 11:28	Microsoft Excel Co...	1 KB
Attendance_2019-02-12_11-55-42	12-02-2019 11:55	Microsoft Excel Co...	1 KB

### Attendance for Verified Student

The screenshot displays the Microsoft Excel interface with the following details:

- Title Bar:** Attendance\_2019-02-12\_11-55-42 - Microsoft Excel
- Ribbon:** The 'Home' tab is active, showing options for Clipboard, Font, Alignment, Number, Styles, Cells, and Editing.
- Worksheet:**
  - Columns:** A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U
  - Rows:** 1 through 31
  - Data:**
    - Row 1: Headers (Id, Name, Date, Time)
    - Row 2: Data (24, "JaiMuruganatham", 12-02-2019, 11:55:36)
- Status Bar:** Ready, Attendance\_2019-02-12\_11-55-42