
AttendEase: Attendance Tracker

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Idea

Automated Classroom Attendance Marking Using Ethical Face Recognition

AttendEase is an innovative solution that streamlines the attendance tracking process in classrooms, leveraging the power of ethical facial recognition technology. It empowers educators to focus more on teaching and learning, while ensuring accurate and reliable attendance data.

Seamless Attendance Automation

- Students enroll by providing their face and basic information.
 - Upon entering, students' face are automatically captured and recognized by the system.
 - Attendance is marked in real-time, minimizing manual work of teachers.
 - Teachers have access to attendance reports and analytics for insights into student attendance patterns.
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Enhanced Classroom Experience

- Eliminates need for manual attendance taking for professors.
 - Seamless attendance tracking process for students.
 - Comprehensive attendance data and better decision-making for college administration.
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Observations

Gender

69.2% are males and 30.8% are females.

Role in Classroom

100% students.

Attendance Tracking System

Only 30.8% of them have used attendance tracking system previously.

Observations

Familiarity

Only 38.5% are familiar with the usage of system.

Rate of Use

69.2% of them find the system easy to use.

User Interface

84.6% find the user-interface to be intuitive while 15.4% find it confusing.

Observations

Enrollment Process

84.6% were satisfied with the enrollment process.

Accuracy

76.9% students found it to be accurate.

Reliability

92.3% of the students found it to be reliable.

Observations

Error Handling

76.9% were satisfied with error-handling methods quite well.

Privacy Concerns

76.9% students have concerns regarding their privacy.

Technical Issues

Only 23% have faced any technical issues within the system.

Conclusion

1. Technological Innovation
2. Enhanced Classroom Experience
3. Comprehensive Insights
