GALGOTIAS UNIVERSITY

SCHOOL OF COMPUTING SCIENCE & ENGINEERING

PROJECT APPROVAL FORM AND ABSTRACT

Fall 2023-2024

B. Tech

Project Details: **Project Group ID:** BT3048

Title	**Attendly – Face Recognition Attendance System**		
Project Type	☑ Community based design problem (Interdisciplinary) ☐ Sustainable development goal ☐ App Development / Utility ☐ IOT/ML/Others	**Project Outcome**	☑ Project and Research Paper ☐ Project and Patent ☐ Project and Book Chapter
Publication Target	☑ SCOPUS Journal ☑ SCOPUS Conference ☐ SCOPUS Book Chapter ☐ Patent	**Guide Name:** P. Rajakumar	

Student Details:

S. No	Name	Enrollment Number	Admission Number	Program / Branch	Sem
1	SAMEER VERMA	21131012719	21SCSE1011328	B. Tech CSE	5
2	RITIK KUMAR	21131012701	21SCSE1011297	B. Tech CSE	5
3	GAURAV KUMAR	21131010006	21SCSE1011532	B. Tech CSE	5
4					

Guide Lines for One Page Abstract:

1. Project Title should be in bold letters maximum of two lines, and the font must be in Times New roman with the size of 22 and it should be in center alignment.
2. The Abstract should have minimum of 150 words and maximum of 250 words.
3. The Abstract should be in Justify alignment, and the font must be in Times New roman with the size of 14 and the line spacing must be in 2.0 exactly.
4. Please refer the next page for the Abstract format.

Sameer Verma
Ritik
Gaurav

Attendly – Face Recognition Attendance System

Area/Domain of Project: ML

ABSTRACT

The Face Recognition Attendance System aims to address several critical issues in traditional attendance tracking. Firstly, it eliminates the need for manual processes, reducing errors and saving valuable time for both educators and employers. This technology enhances security by ensuring that only authorized individuals can mark their attendance, thus preventing proxy attendance fraud. It also provides real-time data and analytics, allowing institutions and organizations to make informed decisions. Additionally, it minimizes the environmental footprint by reducing paper-based processes. Overall, this system enhances efficiency, security, and transparency, making attendance tracking more reliable and efficient for educational institutions and businesses. The Face Recognition Attendance System seeks to bridge critical gaps in the existing attendance tracking methods. Traditional methods, such as manual roll calls or card swiping systems, are prone to errors and proxy attendance, leading to inaccuracies. Our system leverages advanced facial recognition technology to provide a robust, accurate, and automated solution, thereby eliminating these gaps. It ensures real-time data accuracy, improves security by uniquely identifying individuals, and enhances administrative efficiency. Moreover, it offers data analytics and insights, enabling institutions and organizations to make data-driven decisions, which traditional methods lack. This innovation aims to modernize and optimize attendance management, revolutionizing the way we track attendance. Using Facial attendance System Teachers and students Time save.

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Saroneer Verma.

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Rijit

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P. Rajalakshmi

Attendly – Face Recognition Attendance System

Area/Domain of Project: ML

ABSTRACT

The Face Recognition Attendance System aims to address several critical issues in traditional attendance tracking. Firstly, it eliminates the need for manual processes, reducing errors and saving valuable time for both educators and employers. This technology enhances security by ensuring that only authorized individuals can mark their attendance, thus preventing proxy attendance fraud. It also provides real-time data and analytics, allowing institutions and organizations to make informed decisions. Additionally, it minimizes the environmental footprint by reducing paper-based processes. Overall, this system enhances efficiency, security, and transparency, making attendance tracking more reliable and efficient for educational institutions and businesses. The Face Recognition Attendance System seeks to bridge critical gaps in the existing attendance tracking methods. Traditional methods, such as manual roll calls or card swiping systems, are prone to errors and proxy attendance, leading to inaccuracies. Our system leverages advanced facial recognition technology to provide a robust, accurate, and automated solution, thereby eliminating these gaps. It ensures real-time data accuracy, improves security by uniquely identifying individuals, and enhances administrative efficiency. Moreover, it offers data analytics and insights, enabling institutions and organizations to make data-driven decisions, which traditional methods lack. This innovation aims to modernize and optimize attendance management, revolutionizing the way we track attendance. Using Facial attendance System Teachers and students Time save.

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