



Osama Adnan Malik

01-134172-049

Jibran Khan

01-134172-079

Real-Time Visitor Tracking and Automated Attendance System using Facial Recognition

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Supervisor: Ms. Maria Mahmood

Department of Computer
Science Bahria University,
Islamabad

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Abstract

Real-Time Visitor Tracking and Automated Attendance System uses facial recognition to detect and recognize the user's identity and automatically mark their attendance and keep track of visitor's movement and number of entries within a facility. The ability to automatically recognize human faces based on dynamic facial images is important in security and surveillance. Security of facility is of utmost importance to any organization/institute in-order to ensure smooth operations and avoid any liability. The attendance of the employee is also vital and making the daily process easier will prove beneficial for the employees as well as the organization. This system will provide users with both facilities and more security feature to provide users with latest technology for security purposes.

Keywords:

Real-Time, Visitor tracking, Automated Attendance, Face detection, Facial recognition, Security and surveillance

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