

ABSTRACT

The unprecedented global crisis triggered by the COVID-19 pandemic has prompted an urgent demand for innovative solutions across various sectors. In the realm of education and e-learning technologies, the shift from traditional face-to-face learning to virtual platforms has presented significant challenges. With educational institutions temporarily closing worldwide to curb the spread of COVID-19, educators have turned to online meeting platforms to create virtual classrooms as the sole alternative for interpersonal interaction. However, monitoring attendance during virtual learning poses substantial difficulties. The conventional method of calling out names in virtual classrooms for attendance is not only impractical but also time-consuming. Termed the Random Interval Query and Face Recognition Attendance Management System, or AI Present, our solution aims to fill a crucial gap. This System will endeavor to contribute to the evolving landscape of virtual education by providing an innovative and timely solution to the challenges posed by the Virtual classroom. By leveraging advanced technologies such as face recognition and random interval queries, AI Present offers a seamless and reliable method for attendance monitoring, thus enhancing the overall virtual learning experience for both educators and students.