

Abstract

In this project, an Android application was designed and developed using Android Studio and the Kotlin programming language. The purpose of this application is to facilitate and expedite the attendance process for university professors. To achieve this, a facial recognition model was developed using the Torch library and machine learning algorithms in Python. After being trained with the relevant data, the model can recognize students' faces through a photo taken within the application. Upon successful face recognition, the student's name is automatically marked in the attendance list. This system not only increases the speed and accuracy of attendance tracking but also reduces human errors and improves classroom management.

Key Words: Android, Artificial Intelligence, Machine Learning, Attendance