ABSTRACT

Attendance is the process of recording the presence of a person in a company. Presence has many systems, namely manual systems by writing their own attendance in the attendance book which is considered less effective due to frequent fraud, or digital systems such as fingerprinting, entering pins, and attaching employee cards. However, even though using a digital system there are still problems that arise such as scratched fingerprints, loss of employee cards, and forgetting the pin number so they require to use a manual system to make attendance.

In this final project, an employee presence application is designed using geotagging technology with the aim of making a mobile presence. The purpose of making this application is to make it easier for employees to make attendance at the office.

The result of the employee attendance application using this geotagging technology is that employees or users can perform mobile attendance. Attendance can be done by connecting the application to google maps and validated by using selfie photos. In addition, users can also view a recap of absences, apply for leave, and change shifts. The results of testing the application functionality show that all application functions have been running well. Android application compatibility test runs well from version 8.1 to 11.

Keywords: *Presence, WFH, Geo Tagging Technology, GPS.*