

## ABSTRACT

Employee attendance is a crucial aspect of company management. Traditional attendance systems that rely on manual recording are often inefficient and prone to manipulation. Therefore, a more modern and accurate attendance system is required. A web-based employee attendance application offers an ideal solution to address these issues. This study aims to design and develop a web-based employee attendance application at PT. Warung Pangan Indonesia. The ICONIX Process method was used as a framework for the application development. Geofencing and geolocation were implemented to ensure the accuracy of employee attendance data. The results of the study show that the web-based attendance application, developed using the ICONIX Process method, geofencing, and geolocation, can record employee attendance more accurately and produce easily accessible attendance reports.

**Keywords** : Attendance Application, Employee, Web-based, ICONIX Process, Geofencing, Geolocation, PT. Warung Pangan Indonesia