

ABSTRACT

In today's modern world of work, management of employee attendance and task management are two important aspects that affect the overall performance of the company. This application is designed to take advantage of technological advances in terms of data processing and location based on the Global Positioning System (GPS). The GPS feature or validation of location coordinates allows employees to mark certain points that they must reach or travel while their work is being carried out. When employees reach a predetermined location, the application automatically records their location and arrival time.

This attendance data is also connected directly to the task management system, so that the company's human resources (HR) manager can easily track employee attendance and manage tasks that must be completed. With the integration between location validation and task management, this application will minimize errors or fraud from employees when working. In addition, employees also benefit by saving time and effort to take attendance and report on tasks that have been completed.

This paper will discuss the user interface design and task management implemented. With this application, we hope to increase the efficiency and effectiveness of managing employee attendance and task management at the Karya Usaha Mandiri Bogor Cooperative.

Keywords— Task management, attendance, global positioning system (GPS), coordinate validation, Human Resources (HR).