ABSTRACT

This internship program aims to provide experience to students in dealing with the world of work and broaden insights that are not obtained in the campus environment. One of these internship programs was carried out at Transtrack ID, a transportation company that uses technology to increase efficiency and productivity in the continuity of the telematics life of the fleet. The purpose of developing this application is to help manage the process of loading and unloading raw materials, especially trees, at PT RAPP. Currently, this process is done manually and causes difficulties for operators in recording accurate time and reporting production time for each truck. The company is developing an application that will have features such as accurate timekeeping, nearest truck search, and production time reporting with detailed information. In addition, the company also plans to improve the monitoring system by adding sensors, GPS and IoT to monitor processes in real-time. This report aims to provide efficient and accurate solutions in managing loading and unloading times, increasing productivity by utilizing information technology, and avoiding errors in managing loading and unloading times. This report includes problem statements, objectives, and limitations, specific to the loading and unloading of raw materials, particularly trees, and the use of the application only by registered users. With this application, PT RAPP can improve efficiency and productivity in the loading and unloading process and unify production in real-time.