



**DESIGN OF A WAREHOUSE MANAGEMENT SYSTEM PROTOTYPE
USING RFID TECHNOLOGY FOR PT INDOCEMENT TUNGGAL
PRAKARSA TBK**

UNDERGRADUATE THESIS

Submitted as one of the requirements to obtain

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ABSTRACT

In the PT. INDOCEMENT TUNGGAL PRAKARSA TBK warehousing system, some many goods and employees are responsible for these goods. Recording incoming and outgoing goods data manually sometimes causes errors that can be fatal for a business. To overcome this problem, an Android-based warehouse management system uses Radio Frequency Recognition (RFID) technology. With this system, incoming and outgoing goods data is done automatically to avoid mistakes. In addition, the use of RFID technology can also be used for tracking the location of goods and employees statically. Knowing the place and time of goods and workers in the warehouse can make it easier to control all running processes. The use of the Android platform aims to support the mobility of the users of this warehouse management application.

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