

## **ABSTRACT**

*PT. GEA Refrigerator Indonesia is a company engaged in the industrial refrigeration machines, and spare parts and service (after sales). At this time, the goods management system at PT. GEA Refrigerator has not been integrated between the sales engineer and the warehousing party which resulted in significant data differences between the 2 departments. This difference occurs because the goods in stock have not been updated by the Sales engineer, and there are spare parts that have been sent to the customer but Warehouseman has not reported it to the sales engineer.*

*The method used to make this design is agile method. The agile method was chosen because it has advantages, namely testing can be done at any time and the application work does not take a lot of time.*

*This study aims to produce an integrated goods management information system design between Warehouseman, Sales engineer and finance. The resulting design is a web-based application that has been integrated between warehouse and sales engineers. The required data is obtained from the interview stage with the warehouse and sales engineers. Based on the results of the user acceptance test that has been carried out, it can be concluded that the application that has been made can simplify the work between warehouse personnel, sales engineers and finance.*

*So the conclusion from designing a web-based application for goods management at PT. GEA Refrigeration is: Creating an information system for the management of goods that has been integrated to prevent data differences between the sales engineer and the warehouse manager and more effective communication between the sales engineer and the warehouse manager.*

*Keywords: information system, goods management, warehouse, agile method, sales engineer*