

***DESIGN AND DEVELOPMENT OF MOBILE-BASED INVENTORY  
MANAGEMENT APPLICATIONS  
(CASE STUDY: LUMPANG PARIMIN SHOP)***

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***ABSTRACT***

*Lumpang Parimin Shop is a shop that operates in the field of selling processed wood products. The main problem in this research is the warehouse system for recording goods in and out of the Lumpang Parimin shop. Data collection carried out manually using notes still carries the risk of miscalculating the total items taken and the remaining items in the warehouse. The proposed solution and method is the development of an Android-based inventory system. Features such as selecting goods, inputting data on goods in and out will make it easier for users to collect data regarding the availability of goods in the warehouse. The main objective of this research is to make it easier to collect data on goods in the warehouse automatically by using Android input at the Lumpang Parimin store. It is hoped that the proposed system will make it easier for shop owners to collect data at Lumpang Parimin shops. So a mobile-based inventory application was proposed which was created using the PHP programming language.*

*Keywords: Application, Inventory, Php, Mysql, Html, Visual studio code*