

## ABSTRACT

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*The establishment of BUMDes is intended to encourage village economic potential in order to increase village and community income. The problem that occurs today, especially in Ciangir Village, is that there is no application that can manage BUMDes store data. There is no application on integrated stock data management which causes warehouse officers to find it difficult to manage stock and still go through manual methods so that the recording of goods and also goods reports become less organized. This application aims to build a feature of managing goods data and input stock of goods to facilitate computerized management of goods data in order to produce complete and accurate management of goods data and build a computerized product report creation feature to produce complete and relevant reports. The method used is the waterfall model using a systematic and sequential approach, starting from the requirements definition, system and software design, implementation and unit testing, system integration and testing, operation and maintenance stages. The reason for using the waterfall model is because by using the waterfall model each process has its own specifications, so that a system can be developed according to what is desired or on target. By using the PHP programming language, CodeIgniter 3 framework and MySQL database. With this application, stock management and reports at BUMDes stores become more organized and structured.*

*Keywords: Applications, Village Owned Enterprises, Management, Stock of goods*