ABSTRACT

INVENTORY INFORMATION SYSTEM BASED WEBSITE USING EXTREME PROGRAMMING METHOD

(*Case Study***: CV. Sinar Beruntung Kalimantan)**

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CV. Sinar Untung Kalimantan is a company engaged in the distribution of fertilizers, pesticides and agricultural equipment, which is located in the Ulin Platform, Banjarbaru City, South Kalimantan. CV. Sinar Untung Kalimantan In managing warehouse and also making goods shipping expedition letters, they still use a fairly simple method because they only use a few ordinary applications such as using excel and word so that the data created is only stored in one device and has not been integrated with the database so that data is prone to loss if there is a problem with the device used in the company. Based on this it can be concluded that CV. Sinar Untung Kalimantan needs to implement a special system in its business processes to reduce the problems that exist in the company, so in this study the aim is to build an information system that can later be applied to this company in running existing business processes in order to minimize the occurrence loss of data, facilitate the management of existing in the warehouse, and the ease of making an expedition letter for delivery of goods to customers as well as making invoices. The method used when designing this system is the agile method, namely extreme programming. In the extreme programming method, there are stages of program testing, therefore at the testing stage this research uses the blackbox testing method. The development of this system uses the PHP programming language and is supported by the Laravel 9 framework. The results of this study are a website-based information system that functions to replace manual business processes on CV. Sinar Lucky Kalimantan, especially in management, so that by implementing this new system the existing business processes in CV. Sinar beruntung Kalimantan is made easier.

Keywords : Information System, Blackox Testing, Extreme Programming