

ABSTRACT

PD Bintang is a manufacturing company engaged in the production of processed dodol. There are various types of dodol produced by the company, such as potato, fruit, nut lunkhead and others. PD Bintang was founded in 2012, having its address at Jalan Raya Cisurupan No.160 Kecamatan.Cisurupan, Garut Regency, West Java. the obstacle faced by the company is the process of recording transactions that are still manual, sometimes causing errors in calculating production costs. Therefore, an application system is needed that can help record production costs such as raw material costs, labor costs, factory overhead costs incurred after production is carried out so that production reports are easier to understand and minimize errors from manual recording. In making this application using the PHP programming language. For the Framework database, codeigniter uses MySQL. For application development using Modeling Language (UML) and Entity Relationship Diagram (ERD). And application testing uses manual testing, application testing and Black Box Testing. The results of the test display Employee Master Data, Raw Material Master Data, Transactions (BOP, BTK, BBB,), Production Report Transactions, Journals and Ledgers. This website-based application has features including employee data collection for production and payment of wages, management of the production process starting from calculations of bbb, btk, bop which will produce calculations for each product and display production reports.

Keywords: UMKM, production cost application, PHP, MySQL, CodeIgniter Framework.