

ABSTRACT

DESIGN AND BUILD A WEBSITE-BASED FURNITURE AND HOME DECOR ORDERING INFORMATION SYSTEM USING THE EXTREME PROGRAMMING METHOD (CASE STUDY: UMKM TERAS KAYU PURWOKERTO)

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Teras Kayu Purwokerto is one of the MSMEs producing furniture and home decoration that uses raw materials of Dutch teak pine wood utilizing container waste processed in such a way according to customer needs located in Kutasari Village, Baturraden District, Banyumas Regency, Central Java. At the Purwokerto Wood Terrace, the administration of product management and transactions is still using manual methods so that it is prone to loss. In addition, the process of ordering products that use the method of discussion via whatsapp is only to determine production costs. Therefore, in this research will be created a furniture and home décor ordering information system website for Purwokerto Wood Terrace using Laravel which is a framework from PHP accompanied by Tailwind CSS and MySQL database. In system development using agile extreme programming methods which consist of stages of planning, designing, coding and testing. This information system website is used to make it easier for customers to order products online and make it easier for owners to manage data related to products and orders. From the results of black box testing on 5 respondents with descriptive analysis, a percentage value of 100% was obtained which means that all functions on the website are running normally and are suitable for use.

Keywords : Information System, Laravel, PHP, MySQL