ABSTRACT

DEVELOPMENT OF E-COMMERCE APPLICATION IN THE SHOP GIDEON MUSIC

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Gideon Music Shop is a business entity which is engaged in the sale of equipments music. At this time the Gideon Music Shop difficulties in dealing with consumers offering goods that are far away from the Gideon music shop , because the sales system used today are still using manual systems, where consumers come to the shop. Additionally, Gideon Music Shop also has disadvantages, ranging from the promotion process and transactions and in preparing reports sales are still done manually so the sales report has not been well detailed.

By using e-commerce facilities to assist in the sales process and thus promote the product, the development process of e-commerce applications, the model of software development using the waterfall model. The method of analysis used in the construction of this system based on object-oriented approach as well as the modeling language UML (Unified Modeling Language), which consists of the use case diagram, activity diagram, sequence diagram, class diagram, and deployment diagram is a visual language for object-oriented modeling. System builder software is PHP with MySQL database server. Payment of the transaction can be via paypal or bank transfer with data security applications using Dedicated IP and SSL (Secure Socket Layer)

Development of e-commerce solution that is expected to help sales of musical instruments Gideon Music Shop, to improve customer service, expand the scope of marketing, allows consumers to make purchases without having to come directly to Gideon Music Shop and easier to promote products products to consumers without having to build new branches costly.

Keyword : E-commerce, Unified Modeling Language, waterfall method, musical instruments