

ABSTRACT

Nowadays online business is favored by many people. The easiness of the operation makes many peoples began to plunge into the world of online business. With an online business, the seller of goods do not need to open the store, simply enter a list of items to be traded to the internet, then the buyer will easily view and order it. Along with the rapid development of online business, the components can not be separated from an online business is expedition services. Usage of the expedition services assessed more easily than do COD (cash on delivery). By using an expedition service, sellers do not need to bothers to meet with the buyer to make a deal, just come to the booth and expedition services courier will deliver the goods to the purchaser. However, the usage of traditional expedition services sometimes still has some lacks. The lacks of traditional expedition services that is have limited the type of goods that can be delivered, expedition service rate that is too expensive if it is associated with weight and size of the goods, and sometimes do not provide shipping to multiple addresses.

In this thesis built a mobile android-based application that can bring together the shipper (the person who wants to deliver goods to a destination in any form) with driver (the person who will deliver the goods to the destination) and the use of auctions and bidding system to determine prices of the expedition services.

From the results of the testing that has been done, this application is able to implement all the features that would bring the shipper with the driver, perform simulations on how the shipper doing the transaction with the driver, and perform a simulation of how the auction and bidding process conducted to determine the prices of the expedition services. And from the results of tests performed on the 30 respondents, 68% rate the features of this application is not easy to understand and makes it difficult for the delivery of goods, but 72% stated that this application deserves to be realized and will be useful for peoples, especially for peoples who become drivers because it can open new jobs for the community

Keyword :online, cash on delivery, shipper, driver, android