

Functional database in gateway based price service system

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Abstrak

Information on product prices is one of the things that is often disturbed by society because information about product prices is frequently different among sellers. Whereas the government has made information disclosure in the form of a standard price of a product that aims to reduce price differences among sellers but it cannot be denied that there are several factors that make the price of products different. For example regional factors, transportation, or limited stock. When the community has obtained price information from the government, the public can compare prices on the market. However, the disclosure of information from the government regarding the standard up-to-market price of products on the market is still through internet. Internet media cannot be fully accessed by all people, especially rural communities who still have remote areas such as Gadungan village in Kediri regency.

This research was conducted as an alternative technology to facilitate information disclosure of product prices. The method used in this study is action reseach. In this research phase, researchers used the gateway service technology service with a functional PostgreSQL database. The results on usability testing showed that the average score was 88.3%. Application testing results obtained from the application effectiveness level in the range of 89%, the application effectiveness level in the range of 90% and on application satisfaction in the range of 86%. The use of the application is expected to help the public in getting more varied pricing information so as to achieve perfect price competition.