Development Of The Ministry Of Agriculture's Website Testing Application Using The Webqual 4.0 Method

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ABSTRAK

This study aims to determine user perceptions of the Ministry of Agriculture's website and develop a website testing application to determine accurate data on user satisfaction with the website services used as the object. The research method used is the webqual 4.0 method by distributing questionnaires to 50 student respondents majoring in agriculture at the Jember State Polytechnic. The data from the distribution of questionnaires were processed using the help of Microsoft Excel and SPSS applications to find out accurate data before being developed into a website testing application. The stages carried out by the researcher were in the form of distributing questionnaires which would later be tested for the validity of the questions to find out whether the questions that were distributed would be valid or not, for validity testing with 50 respondents stated that all the questionnaire items were valid with a number> 0.284 and for reliability testing stated that Reliability questionnaire with the test results reliability value> 0.6. After calculating the validity and reliability of the questionnaire, the results of the distribution of the questionnaire will then be used to calculate the value of Linear Regression, the calculation of linear regression includes the calculation of 3 benchmarks for webqual 4.0 on user satisfaction. The result of the Usability t test on user satisfaction shows the number 4.317 which is said to have a significant effect if it exceeds 1.677. And for regression testing on Information Quality shows a value of 3.115 and the last shows a value of 1.950 which can be concluded that all benchmarks of Usability, Quality of Interaction and Quality of Information have a significant effect on User Satisfaction.

Keywords: Analysis, Webqual, Agriculture, Usability, Interaction Quality, Information Quality, User Satisfaction