

ABSTRACT

QUALITY ANALYSIS OF SIMPEL POL APPLICATION USING MCCALL METHOD (STUDY CASE: PURBALINGGA REGENCY)

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The Simpel Pol application is a health test service application for submitting a Driving License (SIM). The Purbalingga Police Clinic has implemented the use of the Simpel Pol application for the Purbalingga Regency area since April 2021. After searching in the Google Playstore review column, the Simple Pol application has several problems such as less accurate on hearing tests, applications that run slowly, and difficulty signing in. Based on these problems, this study aims to analyze the quality of the Simple Pol application using the McCall method. Product operation is used as the main perspective in this study with the metrics of completeness, consistency, traceability, error tolerance, accuracy, simplicity, execution efficiency, access control, operability, training, and communicativeness. The subject of this study is a driver's license applicant in the Purbalingga Regency who performs a medical test through the Simpel Pol application. The number of respondents was determined by the Slovin formula and data was collected using a questionnaire. The results showed that the correctness quality factor measured was 53.8%, reliability was 31.6%, efficiency was 26.4%, integrity was 52.8%, and usability was 29.2%. Overall, the results of the Simpel Pol quality measurement are 74.36%. The quality factors of correctness and integrity fall into the category of fairly good quality. The quality factors of reliability, usability, and efficiency fall into the category of poor quality. And overall, the Simple Pol application falls into the good quality category.

Keyword: McCall, Quality, Questionnaire, Simpel Pol, Slovin

