# IMPLEMENTATION OF ISO 9126 STANDARD ON QUALITY TESTING OF SCHOOL ACADEMIC INFORMATION SISTEMS

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## ABSTRACT

*This study aims to measure the quality of the school's Academic Information System CMS based on the ISO 9126 Standard testing method using 6 ISO 9126 variables, namely functionality, reliability, usability, efficiency, maintainability, and portability. The functions to be tested whether they are running well or not, to find out whether the system is running or not will be tested. The results achieved from the research on the quality of the school's Academic information system CMS were declared feasible in terms of functionality, with a result of 73.5% on black box testing on suitability and accuracy sub-characteristic tests. For reliability characteristics, the system also runs well when access uses 25 users simultaneously at the specified time with a level of 99%. The usability characteristics of the system are stated to be less feasible with a result of 31.8%. System efficiency characteristics were declared feasible by using GtMetrix tools with a result of 99.9%. Maintability characteristics of the system are easier to fix, while portability can be used by any browser. The drawback of this system is that there is only one theme and the use of boostrap is still using the old version, namely 3,3,7.*

***Keywords****: ISO 9126¸ Testing, Software Quality, Software Testing Life Cycle (STLC), School systems*