

APPLICATION OF ELECTRONIC RECORDS INFORMATION SYSTEM FOR EDUCATION (ERISE) AS AN INSTRUCTIONAL LEARNING OF AUTOMATION AND OFFICE GOVERNANCE (OTKP) IN THE INDUSTRIAL ERA 4.0

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ABSTRACT

This research aims to: 1) produce an Electronic Record Information System for Education application program, and 2) to know the feasibility of an electronic record information system for education application as a learning medium in SMK OTKP. This research uses research and development design. The research and development model used is the Richey & Klein model which consists of the stage of development, validation, and application. The development includes need assessment, design, and development activities. Validation consists of internal validation to determine the feasibility of the model based on expert opinion, and external validation to find out what the user is up to. The results of this study 1) ERISE program has been conducted using 3 stages in accordance with Richey and Klein model research and development including software development, software validation, and software application. 2) The ERISE program development process has been carried out by analyzing the needs of the program and the design of the program. 3) ERISE program has passed the validation stage of media experts and materials experts. In the validation process, media experts get an average score of 4,403 and are included in the excellent category "A" while in the validation process the material expert gets an average score of 4.63 and is in the excellent category "A". Based on these results, the ERISE program developed is feasible to be implemented in digital archival learning in SMK OTKP.

Kata Kunci: *research and development, records, information system, education.*