

ABSTRAK**EVALUASI PERANGKAT LUNAK *BANANA ACCOUNTING* DENGAN
METODE PIECES (*PERFORMANCE, INFORMATION, ECONOMICS,
CONTROL & SECURITY, EFFICIENCY, SERVICES*)
Studi Kasus di Kongregasi Hati Maria Tak Bernoda Jakarta**

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Penelitian ini bertujuan untuk mengevaluasi perangkat lunak *Banana Accounting* berdasarkan metode PIECES (*Performance, Information, Economic, Control, Efficiency dan Services*) pada Kongregasi Hati Maria Tak Bernoda. Perangkat lunak perlu dievaluasi dan diukur sebagai bentuk upaya memperbaiki kualitas. Evaluasi perangkat lunak merupakan suatu metode yang dapat membantu organisasi dalam mengatur strategi dan manajemen perangkat lunak yang lebih baik (Pamuji, 2018).

Jenis penelitian yang dilakukan adalah studi kasus dengan pendekatan deskriptif kualitatif. Teknik pengumpulan data yang digunakan adalah wawancara dan dokumentasi. Teknik analisis data yang digunakan adalah analisis data induktif. Pertama, reduksi data yaitu penulis mendeskripsikan jenis-jenis aplikasi *Banana Accounting* dan enam aspek metode PIECES pada perangkat lunak *Banana Accounting*. Kedua, penyajian data yaitu penulis melakukan analisis terhadap hasil deskripsi perangkat lunak *Banana Accounting* berdasarkan indikator metode PIECES. Ketiga, menarik kesimpulan.

Hasil penelitian ini menunjukkan bahwa terdapat indikator yang sudah sesuai dan tidak sesuai dengan standar indikator metode PIECES dalam implementasi perangkat lunak *Banana Accounting* di Kongregasi Hati Maria Tak Bernoda. Indikator yang sudah sesuai yaitu *Compatibility, Error, Response Time, Reliable, Relevan, Verifiable, Accessible, Cost, General control, Maintainability, Application control, Tenaga kerja, Organizational changes dan Satisfaction*, sedangkan indikator yang tidak sesuai yaitu indikator *Training*.

Kata kunci: Evaluasi, Perangkat lunak, *Banana Accounting*, Metode PIECES.

ABSTRACT

EVALUATION OF BANANA ACCOUNTING SOFTWARE WITH PIECES METHOD (PERFORMANCE, INFORMATION, ECONOMICS, CONTROL & SECURITY, EFFICIENCY, SERVICES) Case Study at Congregation of the Immaculate Heart of Mary Jakarta

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This study aims to evaluate Banana Accounting software based on the PIECES (Performance, Information, Economic, Control, Efficiency and Services) method at the Immaculate Heart of Mary Congregation. The software needs to be evaluated and measured as an effort to improve quality. Software evaluation is a method that can assist organizations in setting better software strategies and management (Pamuji, 2018).

This type of research is case study with a qualitative descriptive approach. Data collection techniques used are interviews and documentation. The data analysis technique used is inductive data analysis. First, data reduction, namely the author describes the types of Banana Accounting applications and the six aspects of the PIECES method on Banana Accounting software. Second, the presentation of the data, namely the author analyzes the results of the description of the Banana Accounting software based on the PIECES method indicators. Third, draw conclusions.

The results of this study indicated that there were indicators that were appropriate and not in accordance with the standard indicators of the PIECES method in the implementation of Banana Accounting software at the Congregation of the Immaculate Heart of Mary. The indicators that were already appropriate are Compatibility, Error, Response Time, Reliable, Relevant, Verifiable, Accessible, Cost, General control, Maintainability, Application control, Manpower, Organizational changes and Satisfaction, while the indicators that were not appropriate were the Training indicators.

Keywords: *Evaluation, Software, Banana Accounting, PIECES method.*