

Korespondensi / Proses Review

The screenshot shows the Microsoft Word interface with the document "review tanggal_2018_03_01 [Compatibility Mode] - Word" open. The document title is "Information System Monitoring Access Log Database on Database Server" by Angga Setiyadi, Eko Budi Setiawan. The abstract and introduction are visible. The right-hand review pane shows several comments from "Administrators" regarding the document's length, structure, and content. The status bar at the bottom indicates "Page 1 of 8" and "2489 words".

Information System Monitoring Access Log Database on Database Server

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Abstract. The developments in information technology has had a major impact on the sustainability of a company, most of the activities in a company require information technology, information technology and communication role, such as for communication, or administrative work. Information technology has inspired the reengineering of traditional business processes to support more efficient and effective operations. To support information technology in a company a data storage is not using paper but now data storage has been switched by using database. A database is a collection of interconnected data that is stored on a computer / server hardware and a software is needed to manipulate the data. The result of this research is to build information system monitoring activity of database access log on server database. With the information system monitoring the activity of the database access log on the database server is expected to provide data track record / process log of each user who access the database in the server.

1. INTRODUCTION

The developments in information technology has had a major impact on the sustainability of a company. Most of the activities in a company require information technology, information technology and communication role, such as for communication, or administrative work. The use of technology and information equipment is always closely related to software or hardware. Because without the software, the hardware or hardware device technology compiler can not operate. Information technology has inspired the reengineering of traditional business processes to support more efficient and effective operations.

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Jumlah halaman paper maksimal 5 halaman

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Paper hanya terdiri dari 4 Bab :
Bab 1. Introduction
Bab 2. Method
Bab 3. Results and Discussion
Bab 4. Conclusion

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Isi abstrak harus mengandung Metode, Hasil, Diskusi dan Dampak

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Paragraf 1: menjelaskan judul. Paragraf 2: sekurang-kurangnya menstau 2 referensi
Paragraf 2: state of art
Paragraf 3: menjelaskan tujuan

The screenshot shows the second page of the document. The section header is "2. RESEARCH METHODOLOGY". The text describes the research methodology used, which is descriptive analysis methodology. It details the stages of data collection and software development. The right-hand review pane shows comments from "Administrators" regarding the methodology and data collection methods. The status bar at the bottom indicates "Page 2 of 8" and "2489 words".

2. RESEARCH METHODOLOGY

The research methodology used in this research is descriptive analysis methodology. Descriptive analysis methodology is a method that describes facts and information in the present situation or event systematically, factually and accurately. This research methodology has two stages, namely data collection stage and software development phase.

2.1. Collecting Data Methodology

The technique used in data collection is descriptive research method. Descriptive research method is a research method that gives an objective picture of an existing problem. Data collection methods used in this study are as follows:

- Interview
The interview method is by way of frequently asked questions directly with some administrators related to the management and maintenance of the database server.
- Studi Literatur
Litelatur Study is a technique of collecting data by collecting data through literature, journals, papers and readings that have something to do with the title of the study. This process is done to search and collect any information for the construction of information systems monitoring the activity of the database access log on the database server.
- Observasi
Observation is a technique of data collection by conducting research and direct review of the problems that occur

2.2. Software development Methodology

The method used to build the information system monitoring the activity of the database access log on the database server adopted from the Waterfall model. The steps passed on the waterfall model are as follows:

- Requirements Definition
At this stage the complete collection of needs is then analyzed and defined needs that must be met by the program to be built. This phase should be done completely to produce a complete design.
- System and Software Design

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Figure 1. Waterfall Model

3. Literature Review
The literature review is a description, critical analysis and evaluation of relevant texts both current and emerging with research questions or a topic.

3.1. Information System
Information system is a system within an organization that brings daily transaction management needs, support operations, managerial, and strategic activities of an organization and provide certain outside parties with the required reports[1]. Based on John F Nash the information system is a combination of people, facilities, technology, media, procedures and controls aimed at obtaining important communication channels, processing certain types of routine transactions, signaling to management and others to internal events and externally important and provides a basis for decision-making [2]. The information system consists of components which are called as building blocks such as follows [1].

- Input Block

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Figure 2. MySQL server prototype

4. Result and Development
4.1. Hardware Requirement Analysis
Requirement of hardware needed to implement information system Monitoring Access Log Database on Database Server can be seen in table 1 below:

Table 1. Hardware Requirements	
Hardware Type	Specification
Server Computer	Intel Xeon Processor Single CPU Tower Server 32 GB Memory Integrated Matrox G200e Video Type IBM 300GB 2.5in SFF 10K 60rpm HS SAS HDD 1 PCI-E 16, 1 PCI-e x8 slot, one 52-bit 33MHz 5v PCI 2.2 slot

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Client Computer Motherboard Asrock
Intel Dual Core Processor
120 SSD Harddisk Case PowerLogic Guato + PowerSupply
Wireless Card

Computer Builder for IntelCore i7
building Information Systems 8 GB Memory
Monitoring Access Log 120 SSD hardisk
Database on Database Wireless Card
Server

4.2. Requirements Analysis Software
Requirement of software needed in Implementation of information system Monitoring Access Log Database on Database Server can be seen in table 2 below.

Table 2. Software Requirements

Type of Software	Specification
Server Computer	Windows Server 2016 Operating System MySQL Database
Client Computer	Windows 7 Operating System Sublime Text 3 Firefox Browser
Computer Builder for building Information System	Windows 7 Operating System Sublime Text 3
Monitoring Access Log	Firefox Browser
Database on Database	
Server	

4.3. Designing Interface form Information System User Activity Monitoring on Database Server
The interface is a graphical display that relates directly to the user. The following is the interface

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References

- [1] Jeperson Hutahaean 2014 *Konsep Sistem Informasi* (Yogyakarta:DeepPubish)
- [2] Jolan F Nash, et al 1984 *Accounting Information System*. (New York: Macmillan Publishing Company)
- [3] Wahana Komputer, 2010 *SQL Server 2008 Express*. (Yogyakarta: Andi)
- [4] Wahana Komputer, 2010 *Panduan Belajar MySQL Database Server*. (MediaKita, Jakarta)

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