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Web-Based Information System Of Building Materials At Berkah Mandiri Pekanbaru Shop

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ABSTRACT

Information technology is currently one of the factors that support the growth and development of a dependable company in the era of globalization, which is characterized by a level of development that is becoming increasingly advanced and modern.Toko Berkah Mandiri Pekanbaru is just one example of a building materials company that continues to process its data manually.A reliable and speedy system is needed to meet the ever-increasing demand for information.A system is good if it makes all processes easier, including computerization, which is one of them.Using MySQL as the database and the PHP programming language, this application was developed.This system or application is very helpful, especially when it comes to processing important data in a way that makes data more accurate, efficient, quick, and can save time and money.

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1. INTRODUCTION

The need for information technology today is actually one of the factors that supports the growth and development of a reliable company in the era of globalization with an increasingly advanced and modern level of development. causing havoc in technical and strategic planning, operational control, and decision making. Because of the advantages that this technology offers compared to the manual method, namely data completion and time savings, compared to the manual method. A reliable and fast system is required to meet the ever-increasing need for information. A system is said to be good if it simplifies all processes, including computerization, which is one of them.

It can be said that the use of computers as a tool for processing data is currently the best. Because it can speed up work and save time and effort in processing data. Manually operated cash sales systems can experience a number of problems, including the tendency to become saturated due to the large amount of data required. processed, the complexity of the process, and the short time required to process the data. processing and various data As a result, calculation errors are more likely to occur, so a computerized sales system must be supported. Mandiri Berkah Building Shop, a business that sells building materials, also feels this way. So with this the author raises this topic in the title "Information System for Building Materials at the Web-Based Berkah Mandiri Pekanbaru Store"

2. METHOD (10 PT)

Explaining research chronological, including research design, research procedure (in the form of algorithms, Pseudocode or other), how to test and data acquisition [5]–[7]. The description of the course of research should be supported references, so the explanation can be accepted scientifically [3], [4] Figures 1-2

and Table 1 are presented center, as shown below and cited in the manuscript [5], [8]–[13]. Figure 2(a) shown math representation ability students and Figure 2(b) reasoning ability students.

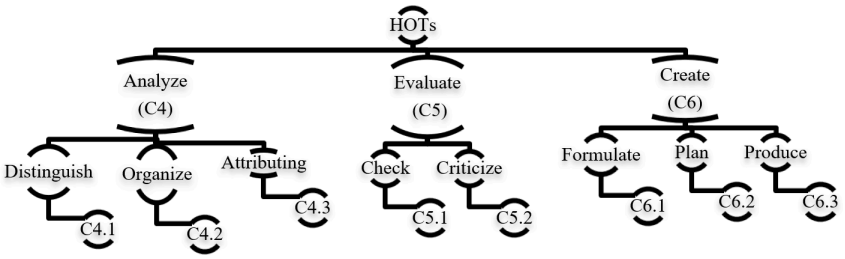
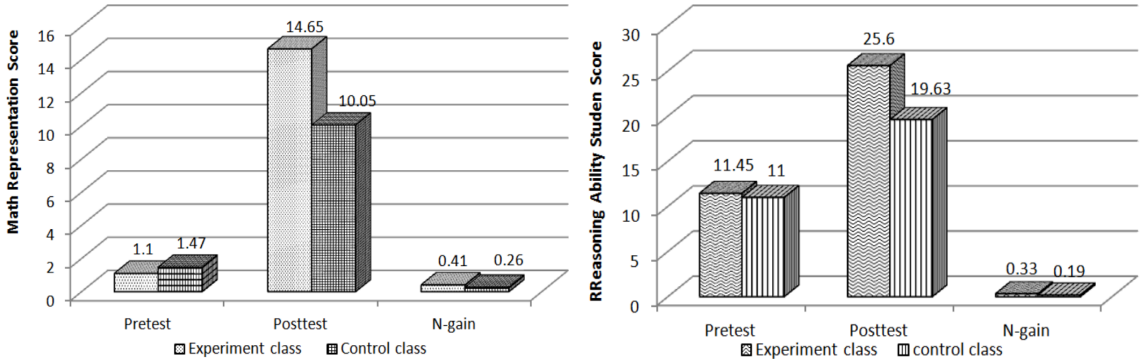


Figure 1. Cognitive process dimension



(a) (b)

Figure 2. Pretest, posttest, and N-gain for (a) math representation ability students and (b) reasoning ability students

Table 1. Internal consistency reliability of biology test

SN	Indicator	Value
1	Number of Item	60
2	Kuder Richardson (KR-20)	0.620
3	Cronbach's Alpha Based on Standardized Items	0.617
4	Mean Item Difficulty	0.56
5	Mean Item Difficulty	0.4

3. RESULTS AND DISCUSSION (10 PT)

In this section, it is explained the results of research and at the same time is given the comprehensive discussion. Results can be presented in figures, graphs, tables and others that make the reader understand easily [14], [15]. The discussion can be made in several sub-sections.

3.1. Sub section 1

Equations should be placed at the center of the line and provided consecutively with equation numbers in parentheses flushed to the right margin, as in (1). The use of Microsoft Equation Editor or MathType is preferred.

$$E_v - E = \frac{h}{2.m}\left(k_x^2 + k_y^2\right) \quad (1)$$

All symbols that have been used in the equations should be defined in the following text.

3.2. Sub section 2

Proper citation of other works should be made to avoid plagiarism. When referring to a reference item, please use the reference number as in [16] or [17] for multiple references. The use of ”Ref [18]...” should be employed for any reference citation at the beginning of sentence. For any reference with more than 3 or more authors, only the first author is to be written followed by *et al*. (e.g. in [19]). Examples of reference items of different categories shown in the References section. Each item in the references section should be typed using 8 pt font size [20]–[25].

3.2.1. Subsub section 1

yy

3.2.2. Subsub section 2

zz

4. CONCLUSION (10 PT)

Provide a statement that what is expected, as stated in the "INTRODUCTION" section can ultimately result in "RESULTS AND DISCUSSION" section, so there is compatibility. Moreover, it can also be added the prospect of the development of research results and application prospects of further studies into the next (based on result and discussion).

ACKNOWLEDGEMENTS (10 PT)

Author thanks ... . In most cases, sponsor and financial support acknowledgments.

REFERENCES (10 PT)

The main references are international journals and proceedings. All references should be to the most pertinent, up-to-date sources **and the minimum of references** are **25 entries** (for original research paper) and **50 entries** (for review/survey paper). References are written in **IEEE style**. For more complete guide can be accessed at (http://ipmuonline.com/guide/refstyle.pdf). Use of a tool such as **EndNote**, **Mendeley**, or **Zotero** for reference management and formatting, and choose **IEEE style**. Please use a consistent format for references-see examples (8 pt):

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Basic Format:

J. K. Author, “Title of paper,” *Abbrev. Title of Journal/Periodical*, vol. *x,* no. *x,* pp. *xxx-xxx,* Abbrev. Month, year, doi: *xxx*.

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- M. M. Chiampi and L. L. Zilberti, “Induction of electric field in human bodies moving near MRI: An efficient BEM computational procedure,” *IEEE Trans. Biomed. Eng.*, vol. 58, pp. 2787–2793, Oct. 2011, doi: 10.1109/TBME.2011.2158315.
- R. Fardel, M. Nagel, F. Nuesch, T. Lippert, and A. Wokaun, “Fabrication of organic light emitting diode pixels by laser-assisted forward transfer,” *Appl. Phys. Lett.*, vol. 91, no. 6, Aug. 2007, Art. no. 061103, doi: 10.1063/1.2759475.

[2] **Conference Proceedings**

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J. K. Author, “Title of paper,” in *Abbreviated Name of Conf.*, (location of conference is optional), year, pp. *xxx–xxx*, doi: *xxx.*

Examples:

- G. Veruggio, “The EURON roboethics roadmap,” in *Proc. Humanoids ’06: 6th IEEE-RAS Int. Conf. Humanoid Robots*, 2006, pp. 612–617, doi: 10.1109/ICHR.2006.321337.
- J. Zhao, G. Sun, G. H. Loh, and Y. Xie, “Energy-efficient GPU design with reconfigurable in-package graphics memory,” in *Proc. ACM/IEEE Int. Symp. Low Power Electron. Design (ISLPED)*, Jul. 2012, pp. 403–408, doi: 10.1145/2333660.2333752.

[3] Book

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- A. Taflove, *Computational Electrodynamics: The Finite-Difference Time-Domain Method* in Computational Electrodynamics II, vol. 3, 2nd ed. Norwood, MA, USA: Artech House, 1996.
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See the examples:

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