PRESERVICE ENGLISH TEACHERS' EVALUATION OF ONLINE READINGS

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FACULTY OF TEACHER TRAINING AND EDUCATION SRIWIJAYA UNIVERSITY PALEMBANG

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DECLARATION

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Palembang, December 2020 The Undersigned,



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DEDICATION

In the name of ALLAH—the Most Compassionate, Most Merciful. This thesis is wholeheartedly dedicated to ALLAH SWT, because without His permission and power, I definetly will not able to complete my thesis. All praise is for ALLAH— Lord of all worlds.

To the beloved ones, MY PARENTS, Wirawan Marsuzie & Rosita, who always support me whenever I feel tired, and cheer me up whenever I feel sad.

I know, just saying "I Love You" is never enough to express "Thank You" for all the things that you give to me until now.

With this, your little son, dedicated this thesis to you as a proof how much I love you. Mottos:

"Do not falter or grieve, for you will have the upper hand, if you are 'true' believers." (Q.S 3:139)

"Allah does not charge a soul except [with that within] its capacity." (Q.S 2:286)

"Perhaps you dislike something which is good for you and like something which is bad for you. Allah knows and you do not know." (Q.S 2:218)

"...And whoever is mindful of Allah, He will make a way out for them, and provide for them from sources they could never imagine..." (Q.S 65:2-3)

"Aku tidak berusaha untuk menjadi lebih baik dari orang lain, aku hanya berusaha untuk menjadi lebih baik dari diriku yang kemarin." (Pidi Baiq)

"Tugas kita adalah ikhtiar dan berdoa, hasilnya Allah yang menentukan. Dan setiap ketetapan Allah, itu pasti yang terbaik." (Ustadz Adi Hidayat)

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Muntok, 2020

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PRESERVICE ENGLISH TEACHERS' EVALUATION OF ONLINE READINGS

ABSTRACT

The existence and the freedom of internet has been integrated among our students that forced them to live in the midst of rapid and rich information environment in daily basis. Thus, students necessarily need to learn how to determine credible information that they found on the internet correctly. However, the limitation of teachers in assessing students' ability in evaluating online reading sources could be a problem. Therefore, this study tries to assess students' performance and to find out their difficulties when doing online literacy reasoning. This study applied case study design. The subject of this study was 31 students of English Education Study Program of Sriwijaya University in Palembang Class. The data were collected by using the Online Information Assessment by Silvhiany, Huzaifah and Ismet (2020) and were analyzed the performance by using percentage and describing them based on the result of assessment by using OCLA rubrics, and interview in relation to their perspective of the online literacy reasoning via WhatsApp personal chat. The result showed that the students still struggled to determine the credibility of online sources, and most of the time they even rarely asked a fundamental question, such as authorship or source of the post. The students judged the credibility based on the appearance and surface features of the page. Moreover, students' interest towards online readings and their current mood at the moment will affect their performance in evaluating online sources.

Keywords: internet, online literacy, assessment, credibility, online reading sources

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CHAPTER I INTRODUCTION

This chapter consists of (1) background of the study, (2) limitation of the study, (3) research questions, (4) objectives of the study, and (5) significance of the study.

1.1 Background of the Study

As human beings, we are blessed to have an ability to think. The ability was given to make us able to learn something. We have so many different ways in learning, and one of them that human do is reading. Reading usually defined as an activity where someone looking at some group of words or some sentences and getting meaning from them. However, according to Frankel (2016), reading is not only about a combination of information from a text, but also an ability that possessed by reader that based on their experiences and relationships.

In reading, we use our thinking ability to analyze information, then drawing a conclusion based on what we read. However, in some cases, human sometimes mistakenly analyze an information that makes them draw a false conclusion. It was happened because of poor critical thinking skill that they have. Meanwhile, critical thinking is an important skill in reading.

Due to rapid information era, reading is not merely about reading a lot of books, but what is more necessary is being able to read critically so that we can be safer from false information. In addition, someone who is able to use critical thinking skill in terms of reading is often referred to as a critical reader. However, According to the study that was conducted by McGrew et al. (2018), students these days still have difficulties in some basic evaluations such as questioning the authors, sources, and evidence. Consequently, they have to learn read something critically and analytically, not only get maximum score on their assignment, but also in their daily reading activities.

Meanwhile, in this rapidly developing technology era, reading sources are no longer found only in libraries, weekly magazines, and newspapers. According to Verma and Malviya (2014), internet causes people to learn something so fast with easier method and experience, one of the good examples is reading experience. Readings that previously could only be written on a paper, now can be found in the digital form, such as newspapers. It is usually defined as online reading or online literacy. In the past, in order to obtain information, we needed to subscribe to newspapers every day, and now we can find all the news on our computers and smartphones.

These days, most of the education institution uses the internet for education purpose. It becomes an important resource for students. Based on the conclusion of the study of Jones & Madden, 2002; Lenhart, Simon and Graziano, 2001; Metzger, Flanagin and Zwarun (2003), it can be concluded that students today rely on the Internet in their assignment in school, instead of lend a book in libraries and text books. They tend to use google search to help them to finish their assignment.

Despite its convenience, online literacy certainly has weaknesses, especially for the people that are not prepare to critically evaluate the information. Because of internet freedom, anyone can publish anything on the Internet. It possibly can cause ambiguous or false information spread to our society. According to Hobbs (2010); Mihailidis & Thevenin (2013), every citizen necessarily needs to have an ability to find out whether the information they encounter on the internet credible or not. Because of that, in terms of reading, people should not only be taught to read but also evaluate their reading, whether it is reliable or not. This will become a serious problem if someone spread information without even thinking whether it is a truth or false, or what we called as a hoax.

Due to increasingly widespread hoax news on the Internet, students really need to learn how to evaluate online sources. By evaluating, readers will become more critical towards the reliability of information. However, in our education, the skill about evaluating online literacy is not explicitly written in a curriculum. Consequently, it will lead students to obtain untrustworthiness information of what they found on the internet. This is happened because students do not intend to find about credibility and trustworthiness source on the internet.

According to a research of Hargittai et al. (2010) and Westerwick (2013), when the students are trying to find information on the Internet, they often think that the most credible information is the highest result on a search engine they were using. The study also supported by the research of Pan et al. (2007) when they do experimental research by creating a fake result in the search engine in order to put relevant results in the bottom of the page, students still consistently think the most reliable was the top results. In other words, those students still did not evaluate a reading source well, because they only used the highest results of a search engine as a standard on how reliable the source is.

A study by Hargittai et al (2010) state that students rarely questioning about authorship of information and did not try to find out the credibility of the authors they encounter in online source. At least, by questioning authorship of post in online source, we have already made ourselves engage as critical readers. Moreover, according to McGrew et al. (2018), questioning "who is the author behind the information?" is the first and foremost step to do in order to determine the credibility of a source.

In this study, the writer assessed pre-service teachers of English in Sriwijaya University evaluated online literacy. To be specific, the writer wanted to see the seventh semester students of English education study program of Sriwijaya University in Palembang class performance and what difficulties they face when doing online literacy reasoning by using Online Information Assessment which was adopted from a research by Silvhiany, Huzaifah and Ismet (2020).

Nevertheless, as a student of English Education, in some circumstances, the writer still has had trouble in determining the reliability of English online literacy. The reason of the writer chose the seventh semester students of English education study program of Sriwijaya University in Palembang class as a research sample because they have taken reading class for almost three years which means their experience and knowledge in reading should be be sufficient time already. It is likely the students are good enough in reading.

Based on the result of the study, the writer expect this study could help the teachers and lecturers to find out the reading ability of students in the following semester. The writer focuses on online literacy because considering that students these days rely more on the internet and if they do not know how to distinguish a trusted or unreliability source then it will lead them to a false information or hoax.

1.2 Limitation of the Study

There are many things about online literacy, so the writer limited the study only to find out the performance of the pre-service teachers of English in Sriwijaya University in evaluating online literacy and the difficulties when they do the online literacy reasoning. The writer is going to find out those problem by doing a test about online readings and some questions that are going to be asked to the students in an interview.

1.3 Research Questions

In this study, there are two research questions which are going to answer, as follows:

- 1. How do pre-service students of English perform on the assessment of online literacy reasoning?
- 2. What are the difficulties the pre-service students of English face when they do the assessment of online literacy reasoning?

1.4 Objectives of the Study

According to the research questions above, the writer is going to focus on several objectives. The objectives of this research are presented as follows.

The objectives of this study are:

- 1. To find out how pre-service teachers of English perform on the assessment of online literacy reasoning.
- 2. To find out what difficulties the pre-service teachers of English face when they do assessment of online literacy reasoning.

1.5 The Significance of the Study

1.5.1 For Lecturers

After completing the study, the writer expects that the results of the study would give some perspective to teachers and lecturers about how to resolv the difficulties of English Education Study Program students when doing online literacy reasoning.

1.5.2 For Students

After completing the study, the writer expects the students to aware about their own difficulties to evaluate English online reading sources whether it is credible or not.

1.5.3 For Researcher

After completing the stuy, the writer expects the results of this study would become a useful data for further researchers that are going to do a study with the same topic.

REFERENCES

- Akarsu., & Dariyemez. (2014). The reading habits of university students studying english language and literature in the digital age. *Journal of Language and Linguistic Studies*, 10(2), 85-99.
- Akhtar, M. I. (2016). Research design. *Research in social science: Interdiciplinary Perspectives*, 68-84.
- Ashley, S., Maksl, A., & Craft, S. (2013). Developing a news media literacy scale. Journalism & Mass Communication Educator, 68, 7–21. doi:10.1177/1077695812469802
- Baars et al. (2010). Foundations of information security based on ISO27001 and ISO27002. Zaltbommel: *Van Haren Publishing*.
- Barfield. (1999). In Other Wird: How learner contruct Reading Difficulties. Retrived September 18th, 2017 from http://www.aasa.ac.jp/~dcdycus/LAC99/ bar399.html.
- Brown. (2004). Language Assessment: Principle and Classroom Practices. *New York: Pearson Education.*
- Busse, U., & Hubler, A. (2012). Investigations into the meta-communicative lexicon of english: A contribution to historical pragmatics. Amsterdam: John Benjamins Publishing.
- Carrell. (1989). Metacognitive awareness and second language reading. *Modern Language Journal*, 73(2): 121-134.
- Creswell, J. W. (2012). Educational research: planning, conducting, and evaluating quantitative and qualitative research (4th ed.). Upper Saddle River, NJ: *Merrill*.
- Cropley, A. (2007). Qualitative research methods: A practice-oriented introduction for students of psychology and education. *University of Hamburg*, 24(4), 354, 356.
- Duarte., & Barner. (2005). Reading Comprehension in Teaching English as Foreign Language.
- Fajar. (2009). The Difficulties Faced by Students in Reading Comprehension Section of National Examination. Banda Aceh: Syiah Kuala University.
- Frankel, et al. (2016). From "What is Reading?" to What is Literacy? *Journal of Education*, 196(3), 7–17.

- Gibbs, G. R., (2007). 4 Thematic coding and categorizing: Analyzing qualitative data. London: *SAGE Publications, Ltd.*
- Grabe, W. (2009). Reading in a Second Language (Moving from Theory to Practice). New York: *Cambridge University Press*.
- Gregory, Eve. (2008). Learning to Read in a New Language: Making Sense of Words and Worlds (2nd edition). London: *SAGE Publication Ltd*.
- Gould, J. (2001). Variables in Research Designs: Experimental methods for the behavioral and biological sciences. *CRC Press*, 75–110.
- Han, L (2010). The Advantages and the Problems of Multimedia-aided English Reading Instruction. *Journal of Language Teaching and Research*, Vol. 1, No. 3, pp. 320-323, May 2010.
- Hardianto, D. (2007). Studi Tentang Minat Baca Mahasiswa Fakultas Ilmu Pendidikan UNY. Jurnal Fakultas Ilmu Pendidikan, UNY, 1–13.
- Hargittai, et al. (2010). Trust online: Young adults' evaluation of web content. International Journal of Communication, 4, 468–494.
- Harmer, J. 2001. The Practice of English Language Teaching. Edinburgh Gate, Harlow: *Pearson Education Limited*.
- Harrison. C. (2004). Understanding Reading Development. London: SAGE Publication Ltd.
- Harvey., & Goudvis. (2000). Strategies that work. Main: Stenhouse Publishers.
- Hobbs, R. (2010). Digital and media literacy: A plan of action. Washington, DC: *The Aspen Institute*. Retrieved from https://www.aspeninstitute.org/ publications/digital-media-literacy-plan-action-2/
- Hobbs., & Frost. (2003). Measuring the acquisition of media-literacy skills. *Reading Research Quarterly*, 38, 330–355.doi:10.1598/RRQ.38.3.2
- Hooper, V., & Herath, C. (2014). Is google making us stupid? The impact of the internet on reading behaviour. In 27th Bled eConference: eEcosystems - Proceedings. Bled eCommerce Conference.
- Iding, et al. (2009). Website credibility: Why do people believe what they believe? *Instructional Science*, 37, 43–63. doi:10.1007/s11251008-9080-7
- Jones., & Madden, M. (2002). The Internet goes to College. *How students are living in the future with today's technology*. Retrieved from http://207.21.232.103/pdfs/PIP_College_Report.pdf

- Jongbo, O. C. (2014). The Role of Research Design in a Purpose Driven Enquiry. *Review of Public Administration and Management*, 3(6), 87–94. Retrieved from www.arabianjbmr.com/RPAM_index.php
- Kahne., & Middaugh. (2012). Digital media shapes youth participation in politics. *PhiDelta Kappan*, 94(3), 52–56.
- Kahne, et al. (2016). Redesigning civic education for the digital age: Participatory politics and the pursuit of democratic engagement. *Theory & Research in Social Education*, 44, 1–35.
- Kerlinger, F. (1986). Foundation of behavioural research (3rd ed.) New York: *Holt, Rinehart, and Winston.*
- Khaokaew. (2012). An investigation of explicit strategy instruction on efl reading of undergraduate english majors in thailand. Thailand.
- Knight Commission on the Information Needs of Communities in a Democracy. (2009). Informing communities: Sustaining democracy in the digital age.
- Lenhart et al. (2001). Internet and education: Findings of the Pew Internet College student web use, perceptions of information credibility, and verification behavior. *Computers and Education*, 41(3), 271–290.
- Leu, et al. (2012). Using the psychometric characteristics of multiple-choice, open Internet, and Assessments of Civic Online Reasoning 189 closed (simulated) Internet formats to refine the development of online research and comprehension assessments in science: Year three of the ORCA project. San Diego, CA: *Paper presented at the annual meeting of the Literacy Research Association.*
- Lever-Duffy., & McDonald. 2009. Teaching and learning with technology (third edition). New York: *Pearson Education, Inc.*
- Mihailidis., & Thevenin. (2013). Media literacy as a core competency for engaged citizenship in participatory democracy. *American Behavioral Scientist*, 57, 1611–1622. doi:10.1177/0002764213489015.
- McGrew et al. (2018). Can Students Evaluate Online Sources? Learning From Assessments of Civic Online Reasoning. *Theory and Research in Social Education*, 46(2), 165–193.
- Mei-Yun. (1988). Teaching Efficient EFL Reading. *Teacher Development Making the Right Move.* Vol 17 (Thomas Kral, editor), English Language Program Devision, Washington D. C, 179-188.

- Mustafa, B. (2012). Indonesian People Reading Habit Is Very Low: How Libraries Can Enhance The People Reading Habit. *Jurnal Institut Pertanian Bogor*. 1–10.
- Pan, et al. (2007). In Google we trust: Users' decisions on rank, position, and relevance. *Journal of Computer-Mediated Communication*, 12, 801–823. doi:10.1111/j.1083-6101.2007.00351.x
- Pang et al. (2003). Teaching Reading. Geneva: International Bureau of Education.
- Peter, W. (2001). What teachers need to know about reading and writing difficulties. Australia: Acer Press.
- Rahim. (2006). Pengajaran Membaca di Sekolah Dasar. Jakarta: Bumi Aksara.
- Rheingold, H. (2012). Net smart: How to thrive online. Cambridge, MA: MIT Press.
- Rosenthal R, & Rosnow, R.L. (1991). *Essential of behavioural research*, New York: Mc Graw-Hill.
- Shahriza A.K.N., & Hasan, A. (2007). Reading habits and attitude in the digital age: Analysis of gender and academic program differences in Malaysia. *The Electronic Library*, 25(3), 285-298.
- Shen, L. (2006). Computer technology and college students' reading habits. *Chianan Annual Bulletin*, 32, 559-572.
- Silvhiany, S. (2020). Developing online critical literacy assessment for EFL learners [Paper presentation]. The Fourth Sriwijaya University Learning and Education International Conference (4th SULE-IC) 2020, Palembang, Indonesia.
- Spratt, et al. (2005). The Teaching Knowledge Test Course. New York: *Cambridge University Press*.
- Verma, et al. (2014). The impact of internet and digital media on reading habit. *XXIV National Seminar of the IASLIC*, 50.
- Wahab. (2012). A Descriptive Study Of Students' Difficultieis In Using Word Order Of Adjective. Gorontalo: Universitas Negeri Gorontalo (UNG).
- Westerwick. (2013). Effects of sponsorship, web site design, and Google ranking on the credibility of online information. *Journal of Computer-Mediated Communication*, 18, 194–211. doi:10.1111/jcc4.12006

- Wineburg., & McGrew. (2017). Lateral reading: Reading less andlearning more when evaluating digital information. *Stanford History Education Group Working*, 17(1).
- Yin, R. K. (2003). *Case study research: Design and methods (3rd ed.)*. Thousand Oaks, CA: Sage.