

Internet Based Collaborative Learning Management Blog to Improve Students' Writing Skills

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This study aims to improve students' writing skills through managing blogs on the internet with a collaborative learning approach. Students are taught how to write online and publish their writing throughout the world through well-managed blogs. By the research method of collaborative action research it is expected that the students low writing skills can be improved. Originality and collaboration of students' writing can be read by all on the internet. The teacher prepares online learning modules with a collaborative approach between teachers and students; where students' writings are published on the teacher's blog. All students can read and collaborate with peers. The intervention steps taken by the teacher are to invite students to write actively from what they like and master the stages of collaborative learning. Practicing writing with themes made by the teacher in stages then in the last part, students are asked to make a paper and present it to the examining teacher.

Key words: *Blog management, collaborative learning, writing skills.*

Introduction

Writing skills is one of the aspects of language that is a final stage that should already be mastered by students in the school. The fact that current school students' writing ability is still low needs to be trained in new ways. One way is by getting students to practice writing.

Actual writing skills are not just writing to form the word and then form sentences that have meaning or significance so as to communicate to the reader to succeed. But behind the writing skills requires constant practice, so I understand what will be written. Moreover, the



authors should be able to think in the right way to choose a word and a sentence variation also be used so that the writing can be understood by the reader (Saleh, 2016: 31).

Students appear once being able to manage their blogs with good. They have not been using blogs as a medium to practice writing. The real problems in this school course have to look for solutions through research. Teachers need to increase it by doing research through a collaborative blog created by students. As well as train them to be honest in writing and avoid plagiarism.

From the blog, students learn to write and strive to write on their own. Honesty in writing can train students to not commit plagiarism or to copy and paste other people's writing. They had to be notified that the culture of plagiarism is very dangerous for the academic community. Writing in a blog makes students honest as they have written it on their own and are more confident when writing responded with comments that push each other.

Based on the explanation above, teachers can manage blogs on the internet as a medium for collaboration to improve students' writing skills. The nature of blogs that is very open and can be seen personally is suitable to create a blog managed collaboratively. Therefore, the collaborative management of a blog could be expected to improve students' writing skills.

Study Theoretical

A. Writing: Experience Authentic Reconstruction Process

Writing skills are skills of expressing ideas, thoughts, feelings in the form of written language so that others who read it can understand the content of the text. The idea is usually taken from the writers everyday experiences or true stories the author developed with imagination and creativity of the writer. Writing skills actually begins with the use of language expressively and imaginatively such as through diaries writings. Only recently students are trained to write to express thoughts. In other words, we greet the "affective" used to direct "psychomotor" through writing activities. Later we greet the "cognitive" domain. An error in education has always been the alignment of the system to the "cognitive", so very few students who like to write (Alwasilah & Alwasillah 2012: 5).

To be read and understood easily, writing would have to follow the rules of the language and the rules of writing. However, it does not mean in teaching writing the teacher bombards students with theories of writing that would result in their laziness to write. That's one of the reasons for the lack of writing skills of students in the school (Orange, 2012: 5). With regard to writing skills, Johnson stated "Writing is a complex, multifaceted, and purposeful act of communication that is accomplished in a variety of environments, under various constraints of time, and with a variety of language resources and technological tools" (Johnson, 2014,



p.99). Writing is an act of complex, diverse, and directed communication that is performed in various environments with various constraints such as time constraints, language resources, and technology equipment.

Houston proposed that "Writing is the communication of specific relatively ideas in a conventional manner by means of permanent, visible marks" (Houston, 2004, p.313). Writing is a "communication of ideas that are relatively specific in a conventional way and use permanent markers and can be seen. Another opinion about writing associated with symbols stated by Jessa is "Writing skills refers to forming symbols representing sounds of language and ranges to free expression... Writing is a mode of communication of ideas between persons on some particular matter" (Jessa, 2008, p.12).

Writing skills refers to the formation of symbols that represents the sound of language and the range of freedom of expression. Writing is a way of communicating ideas between people on certain issues. In the writing skills, the required capability not only the skills to write but also a writer should be able to create and combine text, photographs, images, music, and video, therefore, the child's ability to create something new in writing or for a combination of things that already exist, and are relatively different from what existed before should be taught and enhanced through the management of blogs on the internet.

Writing is an activity to pour your thoughts, ideas, and feelings of someone described in written language. Writing is an activity to express thoughts and feelings in written form that can be understood by the reader and is expected to serve as a communication tool indirectly. Thus, it can be said that writing is a person's activities to convey the idea to the reader in a written language to be understood by the reader (Rosidi, 2018, p.14).

Based on some opinions of the above, it can be synthesised that writing skills are skills of expressing ideas, thoughts, ideas, feelings in the form of written language so that others who read the article understand the content well.

B. Collaborative Learning

Advances in Internet Technology can now be used for learning. Internet Technology, can be used to enrich the techniques and rules of teaching and learning. One of the physical forms of application is the use of blogs in learning (Hanafi, Rashid, and Zin, 2012: 93). According to Gokhale in Robert b defines that "collaborative learning" refers to the method of teaching where students or college students (referring to higher education) (Davidson, Major, and Michaelsen, 2012) are in one group of varying skill levels who work together in small groups leading to a shared goal or it could be said that a situation in which two or more people learning together in a group discussion (Taylor & Franci, 2015).



Robert added that online collaborative learning is "the experience of learners of the technology-supported learning environment in which they work in small teams on authentic project tasks to develop multimedia products. Where the development of ICT becomes one of the factors affecting the development of education now in the concept of Collaborative Learning (Rivera). Many perspectives developed in terms of its contribution in understanding the technological developments of the concept of collaborative learning (Zheng, Niiya, Warschauer).

In the last 20 years, the intensity of the development of the sciences combined with social studies is very high, so we need a solution or the problem-solving to answer the challenge of the times that continues to grow (Resta and Laferriere). Stahl explained that Collaborative Learning can be defined as the achievement of knowledge building and other progressive cognitive accomplishments by a small group of people working together (Stahl, 2017: 110). Keengwe explanation is that Collaborative Learning is defined as a situation in which two or more people learn or attempt to learn something together (Keengwe, 2015: 233). According to Alias, Aziah, Outcomes, Eddy states that According to Smith and MacGregor,

There are seven models offered in the use of paper, namely;

- (1) Dialogue Journals: where students record their thoughts in a journal that they exchange with his friend to get comments and questions;
- (2) Round Table: where students, in turn, respond to the steering by writing one or two words, phrases, or sentences before submitting the papers with others who are doing the same thing;
- (3) Dyadic Essays: where students write the essay questions and model answers to each other, exchanging questions, and after responding, compare their answers with the model answers;
- (4) Peer Editing who are editing writing friends: where students critically review and give individual feedback on essays, reports, arguments, research papers, or other writing assignment belongs to a friend;
- (5) Collaborative Writing: where students write formal papers together;
- (6) Team Anthologies: where students make a compilation of readings related to the subject with the student's reactions to the material;
- (7) Seminar Papers: where students write and then present a paper originally, received formal feedback from some friends who are chosen, and engage in a general discussion of the issues contained in the paper with the whole group.

With seven examples of the above model, students can help each other, and criticise in the final writing products are assessed. Tempers collaborative learning between them to support learning.



Thus, collaborative learning generally takes place when a group of students work together to seek understanding, meaning, or solutions to create an artifact or a product of their learning. Furthermore, collaborative learning changes the traditional student-teacher relationship in this class, generating controversy over whether this paradigm is more beneficial than detrimental.

The approach to learner-centred learning is characterised by active learners in learning, collaborating, mastery learning materials, and control of the process of learning by learners. Such learning is accustomed to using computers and Internet-based technologies (Supaman, 2014: 101).

C. Management Blog: Writing Community Building

Social media offers advantages and features that have never existed before. The emergence of tools such as blogs, social networks, and blogs has had a prominent impact on higher education when new ways of getting involved became available to instructors (Jamridafrizal, 2019). Learning in the 21st century prepares the generation to be able to develop skills and abilities to master the information and communication technologies to face the challenges of globalization in the future (Zurweni, Wibawa & Nuriah: 2017:1). One of the internet-based learning media explored in this article is a blog or weblog (Sulistiyowati). Definition of the word blog is now circulating very manifold. To change that, the definition of a blog is "The most general definition of a blog (an amalgamation of the words web and log) is a site that contains a series of posts organised in reverse chronological order" (Changiano, 2012, p. xiv). The most common definition of a blog is (merging words web and log) is a website that contains a series of posts that are arranged in the order chronologies. Solomon and Schrum claimed a "Blog is a type of web site is developed and maintained by an individual with the use of software (software) online or the host platform that is very easy for the user, with room to write. A blog featuring instant online publication and invites the public to read and provide feedback as a comment" (Solomon and Schrum, 2012, p.15). The blog basically is categorised as an online journal that contains the delivery of taste, personal opinion, submission of ideas together. So the blog is a creation that has successfully attracted notice crowded to convey personally and unofficially. For this purpose, one can use the site www.blogger.com, www.blogspot.com, www.wordpress.com and www.edublog.com (Zaki, Fabil, and Mohamed, 2012: 102).

The first step to running a blog is to connect a computer to the Internet. In addition, the media needs to run a blog browser. Browser is the software used to view web sites (Darmawan, 2012: 117-118). A blog is a web page that is filled with various kinds of information. They can have a lot of design and layout, but all blogs share some of the same features (Fontichiaro, 2013: 3). A blog is a web application form. A blog is basically a part of the web site which can be accessed online whose main function contains writings, video, and images (loaded in the post) on any web page. They can write whatever they like and master it in a blog that is created and managed properly. Literally a blog can be interpreted as a short article, called for as a placement of posts or blog post or newest entry is always on

top and long posts that will go down to say that the blog is a chronological story (White, & Bloggers, 2014, p.34). A blog also allows the culture of sharing information 'below soil'. Many people question the truth or objectivity of the information available to the public through official channels, from news and events to medical treatment (Jones & Alony). The Definition of blogs by Crotte is “The word "blog" is short for "weblog." This refers to anything that is written (a "log") on the World Wide Web. Weblogs. Weblog. Blog. The word "blog" can refer to a single written article (a post) or to your entire web site. It can also be used as a verb, "to blog" (To write on your blog) about something. A web site referred to as a blog is usually written by an individual or by a small group of collaborators” (Crotte, 2013, p.6).

Amir gives the following explanation of the blog “The word blog is a contraction of Weblog, a shared online journal in which a person can post diary entries about her personal experiences or hobbies” (Amir, 2015, p.8). Miller gives an account of the blog is a blog (short for "web log") is a shared online journal consisting of entries from the site's owner or creator. Bloggers create posts of varying length; some posts are just a sentence or two, others Several paragraphs long; blog posts can include text, photos, and videos. Most blogs are focused on a specific topic, and some are almost journalistic in their execution (Miller, 2012: 19).

Blogs (short for "web log") is a shared online journal which consists of entry of the site owner or creator. Bloggers make posts of varying lengths: some posting only one or two sentences, some other paragraphs in length; blog posts can include text, photos, and videos. Most blogs are focused on a particular topic and some form of journalism. Blanchard gave an explanation on the following blog block is defined as a web site that contains an online personal journal with reflections, comments and often hyperlinks (Blanchard, 2005: 176).

A blog is defined as a web site that contains an online personal journal with reflections, comments, and hyperlinks.

Blog on the Internet is easily made by a novice without having to know HTML (Hypertext Markup Language). As long as they have the ability to type quickly with the computer or gadget, with the thumb and forefinger for smartphone use, and the ability to write a script or writing. Blogs are generally shaped chronological series of articles with the most recent posts at the top. It can be understood because the top spot is easily accessible to visitors, and it is easy to recognise visitors when a new article is updated. Modern blogs, as they are known at this time, are the development of an online diary that started in 1994. As the name suggests, an online diary or journal is the diary of someone who posted on the Internet. In an online diary,



The blog has very diverse functions, from a diary to the media publicity in a political campaign, media programs, and corporations. Some blogs are maintained by a single author and also, it is of no surprise that when scientific journals no longer give a sensation in the world of politics regardless of the titles that are boring hadirlah blogs that offer something more to all sensation (Boyd); while others are by several authors. The blog is referred to as a concept of "Social activity" in the sense that a blog can provide a huge influence on a social paradigm in society (Bolander, 2013: 87). A blog is a mix of some sort of e-mail, personal website, diary and message board. However, when viewed in terms of the method of blogging is referring to tools or alternative events to update the data on the web (Kusuma, 2018: 9). In short, to see that other researchers have considered the use of weblogs as a reflective tool by teachers and students in the context of the development of socialisation. Insights gained can guide educators and researchers, particularly those in the field of education, to better utilise the capital expressive and communicative ability of blogs to support teaching and learning (Williams). Blogs have shown that blogs play a role of a self-reflective teacher, assisted in the conceptual development through the sharing of materials and ideas, and promote the development of an online community that produces a connection between teachers and students (Zandi & Thang, 2014). Also according to Paidi and Wibawa (2018:154) "...opinion Students can actively find out the material, tasks, and invitations to discuss something that occurred to the lesson. Also, communication that occurs from students to teachers becomes more effective...").

Learning strategy can influence learning result, it can be said that the learning strategy characteristics is specific, meaning that learning strategy will be effective if it suits the character of the subject, student character, and objectives to be achieved in the learning. One of the Learning Strategy is using a video. The more quality the videos we prepare will motivate their spirit of the students in the process of self learning, and make more positive perception to the student in the learning process in the classroom, so that in the end will strengthen the student's knowledge and raise the learning results. (Halimatus Syakdiyah, 2018).

From the discussions above, the management of collaborative blogs on the internet could be expected to be used to improve students' writing skills. Blogs can be used as a medium to practice and improve students' writing skills. Actions taken by the teacher are expected to solve the problem of low student writing skills. The action of teachers in this study should start from the planning, implementation, observation, and reflection of teachers.

Research Methods

The method used in this research are the study of action. Action research aims to provide a method, educational strategies, approaches or innovations, and whatever they are called on

researchers to overcome the problems faced in the condition (setting) natural education (Wibawa, 2014). Classroom action research is reflective action research and collaboration and is conducted with the aim of improving the quality of teaching practices in research carried out in SMPS class. Labschool Jakarta, Jalan Pemuda Jakarta State University Campus Complex A Rawamangun, East Jakarta. The research was conducted in the academic year 2018-2019.

Prior to conducting the study, the researchers compiled stages in this AR activity. These stages are:

1. Stages of a Corrective Action Plan (Planning)

In this phase, researchers plan to learn about what, why, when, where, by whom, and how it was committed.

2. Measures Implementation Phase (Acting)

ICT learning materials remain to be implemented in accordance with the planned ICT by teachers according to the semester program that refers to the School Competency Standards (SKL). Internet learning material for blog management done in the classroom and outside the classroom. Learning outside the classroom is done by providing internet tasks to be done at home. For learning in the classroom, the teacher made a practice module for digital textbooks grip complement existing students.

3. Stages of observation (Observing)

The data collection study starting from the first cycle until the last cycle.

4. Stages of Reflection

At this stage, the researchers conducted several stages of the process in achieving reflection and always discuss with peers to gain valuable input.

Results and Discussion

Results

After doing the planning, implementation, observation, and reflection, for 10 months to eighth-grade students through the creation of blogs on the internet, the results showed that creative writing class students acceleration has begun to grow and increase. It can be seen from the table below cycle analysis:

Analysis Cycle I	Cycle Analysis II	Cycle Analysis III
1. In the first cycle of this plan that is prepared is not all done well, and have not revealed the formulation of research.	1. In this second cycle, planning composed was almost entirely done well, and almost revealed the formulation of research problems.	1. In this third cycle, the planning all done was well prepared, and has revealed the formulation of research problems.

<p>2. The use of learning media has not shown the expected results as a tool that can help teachers in the learning process, because it turns out the media are made of teachers not in accordance with what is expected.</p> <p>3. The results of the questionnaire / questionnaire teachers were examined by the observers indicate that teachers included WELL his class and high student interest.</p> <p>4. Master difficulty recorded things that happen during the implementation of observation for motivating more students in kedepankan.</p> <p>5. There are still students who have not motivated well, it looks like the persistence of students who have not been updating the blog with new posts, especially in February 2008. After the students asked them to say that homework should be</p>	<p>2. The use of instructional media created with Camtasia program 5 has shown the expected results as a tool that can help teachers in the learning process.</p> <p>3. The self-motivation test results proved acceleration students showed that they are still unstable and still require the guidance of a teacher.</p> <p>4. Almost all students have to update the contents of the blog with good writing and began to invite many visitors.</p> <p>5. From the graph of the number of posts / articles of students each month from April to June are seen having a considerable rise. Although the students put down the post in May. This is because they have school activities that are quite time consuming. So</p>	<p>2. The use of instructional media created with the program Camtasia 5 was found to show the expected results as a tool that can help teachers in the learning process. This is evident from the enthusiasm of the students and the results of the student questionnaire.</p> <p>3. The results of the questionnaire showed that students acceleration proven instructional media was instrumental in improving students' understanding.</p> <p>4. All students have to update the contents of their blogs to write better and therefore, more visitors come to their blog.</p> <p>5. From the graph of the number of posts / articles of students each month from July to September, it is seen to be having a considerable rise. Even the student posts rose in September. This is because they have school activities that are quite</p>
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<p>done quite tight so they have not had time to update their blog.</p> <p>6. The average internet task is done well by students. The examples of the interactive blog that teachers make students ignited their motivation and in March 2008 the post began to rise.</p> <p>7. In March, an increase in the number of posts sizable of students (152). All students update their blogs on the month. They are also writing nice things, especially about the the paper that they have made.</p> <p>8. In this first cycle they have not been able to change the design template of the blog. The shape of the average student blog is still standard and not varied in shape, so it looks like the student has not dared to change the blog template that has been created.</p> <p>9. In March 2009, students have seen their blogs generally more dominated by images or photos.</p>	<p>it is difficult for them to update the blog created new posts.</p> <p>6. In April, the students posted 193 writings, in May it fell to 122, and in June rose again to 207. The increase in posts occurred in June 2008.</p> <p>7. Almost all students are diligent in updating their blogs on this second cycle. They also state that good writing, particularly about why students need to blog posts and field study school activities they have already undertaken. Many of the stories were written.</p> <p>8. In this second cycle they have been able to change the design template to their own blog, as well as add elements in the template. Their blog looks like on average it is dominated by a variety of images or photographs. Good personal photos or activity.</p> <p>9. In June, it is visible once they have started blogs, that they vary both in their writings and blog design.</p>	<p>time consuming. So kesemptan to update once felt sorely lacking.</p> <p>6. In July of posting their students as much as 164, in August rose to 193, and in September rose to 240. The increase in posts occurred in September 2008.</p> <p>7. All students (100%) were diligent in updating their blogs on this third cycle. They also that good writing, and more directed to the particular lesson about writing in studying the circulatory and Civic Education about politics.</p> <p>8. In this third cycle in addition to changing the template (web design), they can also change the name of their own blog, add elements in the HTML template. Their blog is more dominated by images or photographs, music and videos.</p> <p>9. The students Aksel also can send texts via mobile phones blog. But they can not write much</p>
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<p>There was even a picture to cover up the text so that the text or texts which are in the blog are unreadable and invisible.</p> <p>10. For the second cycle teachers try to give sense to the students about the importance of colour combinations between text and images.</p>	<p>10. Students are able to change the HTML element / javascript on their blog. It can be seen from the form of trinkets blog that they've put in the blog. The combination of colors and textures have been more balanced and comfortable to read by anyone. The picture was funny and interesting to copy and paste into your own blog.</p>	<p>for writing mobile wear much more to achieve and limited sentences.</p> <p>10. Almost all students are able to deploy and market their blogs to their blog known by Internet users. Text, images, photos, and music are united in their blog.</p>
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Discussion

The third cycle of data analysts, it turns out that writing skills could arise if many students practice writing, read many books, know the benefits of a blog, and the motivation of teachers. All that caused the students to be a good listener when the teacher explains the process of managing a blog through the medium of learning. Writing is a process of thinking that for someone who has written his mind will be sharper. The writing skills will grow if more and more practice and will be a higher skill in conveying what is in his heart. Writing is a creativity that must often be trained and can be generated in a long process.

This study found that the key to being able to write is to have a sense of excitement and a lot of reading books and being a good listener. Kids should be directed first to make love to read books. When feeling happy it appears, it will emerge the creative potential of students. Similarly, if teachers want their students to be good at writing, then the teacher must start from themselves first. Teachers will feel how difficult it is to start to write. When the writing is often done by the teachers themselves, the teacher will feel the joy of writing. Why? With more and more often to write, the teacher will be able to make their own material or learning material to be taught to their students. Teachers will master the lesson material when writing. When writing good, meaningful, and already a lot,



Likewise with learners. It would be found where children are accustomed to writing, and which are not used to writing. Kids should be encouraged to be able to bring creativity to writing. Potentially when they write they will appear when it is used to write. Menulislah of light things beforehand, for example, write about our daily lives. Better yet, when we write in a personal blog on the Internet that can be shared with others. We use blogs as a source of learning in cyberspace. Add the power of blogs as a means to improve the quality of education.

Writing can build the creativity of learners. Writing can educate learners to create anything. Creating the fruit of thought that exists in the brains of students who bring good ideas. Spawned the idea or ideas into written form is not an easy job. It takes inviting learning so that the creative process is to write it up. Teachers and parents should encourage their children to be able to develop creative skills through writing. Teachers in the school must be able to create inviting learning from a variety of sources, in order to write a lesson favoured by children. Happy and excited in an atmosphere that's fun to be raised in a collaborative learning process. Besides the ability to listen to students who are weak needs to be considered also by the teacher. Therefore,

From this research, it is known why students are lazy to write. As it turns out, students are less accustomed to practice writing. Teachers also give less motivation or encouragement to the students to be able to write. Learners are allowed to play many games, open youtube without clear direction, so it felt internet learning just as a mere consolation that there was no positive value. Whereas games, facebook, and youtube is not just for entertainment but can be used to develop the students' intelligence. Let learners find their own knowledge that happened, then write it.

For teachers that are required to herd the students have the ability to write. Through the creation of blogs on the internet, it is expected that teachers can provide learning that invites students to be active in writing so that they are creative in writing. It also requires the media that help teachers convey the material. The presence of media can help teachers deliver the message to the students' brains that seemed easier and more efficient. Moreover, in the manufacture of blogs on the internet, internet to disconnect, difficult learning can be materialised.

Conclusions and Recommendations

A. Conclusion

From the study it was concluded that action taken to increase the interest and creativity of the students in the class to write acceleration through the management of blogs on the internet can be done in various ways:



1. Provide continuous motivation or encouragement to students to constantly update the blog has been created. High motivation will generate interest and student skills writing on the management of blogs on the internet.
2. Provide practical, measurable assignments on the Internet to do at home that leads students to actively writing on their own blogs. With practice modules made by teachers.
3. Assigning students on the Internet practice at the school to write down anything that caught his eye in the blog that was created in order to provide useful information to readers.
4. Giving an example of exemplary students how to write well with managing the blog interactively with the teacher and always keep updated.
5. Provide positive comments on the blog so that students feel appreciated by his teachers, and provide door prizes from sponsors for students who

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