

CHAPTER I

INTRODUCTION

This chapter is introduction, that will presentation Background of Study, Research Problem, Research Objective, Significant of Study, Scope and Limitation, Assumption of Study, Hypothesis, Definition of Key Terms and Previous of Study.

A. Background of Study

The existence of a pandemic or the spread of the Covid-19 Virus, the goverment obliging us to keep our distance and stay at home.¹ This situation also make process of teacing and learning are disturbed.

Teaching and learning is important, The creatures of Allah who are given the obligation to seek knowledge are humans. Which knowledge is useful for the provision of life in this world and in the hereafter. As the prophet Muhammad SAW said:

طَلَبُ الْعِلْمِ فَرِيضَةٌ عَلَى كُلِّ مُسْلِمٍ

"Seeking knowledge is obligatory on every Muslim."²

Talk about teaching and learning, teaching is intellectual work, that teachers have a range of roles, including information deliverer and team

¹ CNN, "Pemerintah Minta Warga Jaga Jarak Anggota Keluarga di Rumah", CNN Indonesia, Accessed on <https://www.cnnindonesia.com/nasional/20200324151316-20-486502/pemerintah-minta-warga-jaga-jarak-anggota-keluarga-di-rumah>, on 4 April 2021 at 10.03 WIB.

² _____, "Makalah Pendidikan Islam Lengkap", Accessed on <http://makalahpendidikanislamlengkap.blogspot.com/2016/12/ayat-ayat-al-quran-tentang-metode.html?m=1>, on 21 November 2021 at 10.45 WIB

coach, learning is a process of active construction, that a social phenomenon, as well as an individual experience and the learner differences are resources not obstacles.³

In teaching and learning there is any method to teaching and learning. One of teaching learning method in teaching learning is problem based learning. Problem based learning is a learning process that uses a systematic approach to solving problems or facing challenges that will be needed in real life.⁴ This method really optimizes students' thinking abilities through a systematic group or team work process, so that students can empower, hone, test, and develop their thinking skills on an ongoing basis.

This method or problem based learning has been known since the day of John Dewey, John Dewey state that problem based learning is the interaction between stimulus and response, is this relationship between two directions of learning and environment.⁵ It can be concluded that the meaning of this statement is that the students' experiences obtained from the environment can be used as materials that used as guidelines and learning objectives.

Problem Based Learning is the method that used by SMK Negeri 3 Pamekasan. This learning methods is an instructional method that challenges students to "learn to learn", work together in groups to find

³ Suzanne M. Wilson and Penelope L. Peterson, *Theories of Learning and Teaching What Do They Mean for Educators?*, (Washington, National Education Association, 2006), p. 1.

⁴ Sutirman, *Media dan Model-Model Pembelajaran Inovatif*, (Yogyakarta: Graha Ilmu, 2013), P. 40.

⁵ Nurdyansyah and Eni Fariyarul Fahyuni, *Inovasi Model Pembelajaran*, (Sidoarjo: Nizmia Learning Center, 2016), P. 82.

solutions to real problems.⁶ Problem based learning is appropriate to be used to train students to solve their own problems, especially for vocational school students. The ability of vocational school students to analyze problems and find ways to solve them is an important aspect that must be possessed in order to be equipped to enter the world of work.⁷ Upon graduating from school and entering the world of work, students will be faced with various real problems in their work. So, at school if students are not used to facing problems and finding the solutions, then in carrying out their work they will experience obstacles. That's why problem based learning is appropriate to be used for vocational school students.

SMK Negeri 3 Pamekasan is one of vocational school in Pamekasan that used problem based learning in teaching and learning. SMK Negeri 3 Pamekasan has the address at Kabupaten street number 103 Pamekasa. This vocational school has 6 majors, namely Tata Kecantikan Kulit (TKK) this major is specially made for student who want to learn how to care for skin, do facials well and how to make up well, Desain Fashion (DF) this major is student are invited to learn how to design properly, Akomodasi Perhotelan (AP) in this major students are taught to study about hotel management from being on staff to higher positions, Tata Boga (TBG) in this major student will learn how to cook well from asian food until west food, Multimedia (MM) in here student will learn about how to make some film, short movie, photograph, editing and the other, and Rekayasa Perangkat Lunak (RPL) in

⁶ Taufiq Amir, *Inovasi Pendidikan Melalui Problem Based Learning Bagaimana Pendidik Memberdayakan Pemelajar di Era Pengetahuan*, (Jakarta: Kencana, 2015), P. 21.

⁷ Sutirman, *Media dan Model-Model Pembelajaran Inovatif*, P. 40.

here student will learn about programing some aplication. In this research the researcher will choose Multimedia for the research.

The spread of this pandemic or virus make teaching learning methods of each school are change.⁸ In SMK Negeri 3 Pamekasan the methods for theaching learning are changed because of this situation, from Problem Based Learning to Problem Based Online Learning. Theaching learning methods itself is the methods used by the school or teacher for the process of learning and teaching students. On Tuesday 03 March 2021, the researcher conducted a brief interview with one of the teachers who was English teacher at SMK Negeri 3 Pamekasan, he said that “there had been a change in teaching learning methods, from problem Based Learning to Problem Based Online Learning because of pandemic and that made a change in students’ English achievement”.⁹

From the interview we know that teaching and learning in SMK Negeri 3 Pamekasan are change from offline learning to online learning. Online Learning or it is often referred to as E-Learning is education that takes places over the internet.¹⁰ Because this teaching learning process used internet the students and teachers are use media for example like Hand Phone, Laptop, and the other PC that can connected with internet. And this teaching learning process student and theacher can use some application to

⁸ Kemdikbud, “*Pembelajaran Online di Tengah Pandemi Covid-19 Tantangan yang Mendewasakan*”, Kemendikbud, Accessed on <https://pusdatin.kemdikbud.go.id/pembelajaran-online-di-tengah-pandemi-covid-19-tantangan-yang-mendewasakan/>, on 4 April 2021 at 10.05 WIB.

⁹ Haqqul Yakin, English Teacher of SMK Negeri 3 Pamekasan, on WhatsApp Chating (03 March 2021).

¹⁰ Taylor, *Online and Blended Learning: Selections From the Field*, (Routlege, 2018), P. 7.

make teaching and learning process easier. The application can be whatsapp, zoom, google meet and the others. In SMK Negeri 3 Pamekasan there still used problem based learning for teaching learning but in online or we can call as problem based online learning or e-pbl.

Problem based online learning is starts from partical, unstructured problem that puts online independent problem solving and cooperative learning.¹¹ There is no big difference in this method and offline problem based learning. The difference is only in implementing it, problem based online learning is done online while problem based learning is done offline. In this method students still thinking abilities through a systematic group or team work process, so that students can empower, hone, test, and develop their thinking skills on an ongoing basis.

From the interview, we know that the teacher said “because of pandemic and that made a change in students’ English achievement”.¹² English achievement it self is talk about English subject in SMK Negeri 3 Pamekasan. In SMK Negeri 3 Pamekasan the English subject is about reading, structure, speaking and listening. Therefore from the interview, the researcher wanted to find out whether there was a correlation in changing the method of teching learning to students English achievement in SMK Negeri 3 Pameksan.

¹¹ Aniek Murniati et all, “ E-Problem Based Learning (E-PBL) Pada Mata Kuliah Akuntansi Manajemen Sebagai Alternatif Pembelajaran Inovatif”, Journal of JIBEKA, Vol. 11 No. 1 (Malang: February, 2017), P. 2.

¹² Haqqul Yakin, English Teacher of SMK Negeri 3 Pamekasan, on WhatsApp Chating (03 March 2021).

There are some researchers who have conducted researches about Problem Based Learning itself. One of them is “ *Effect of Online Problem Based Learning on Teachers’ Technology Perceptions and Planning*” By Erik T. Nelson from Capella University. This research has the different focus, the researcher in this research focuses on teacher technology perception in Online Problem Based Learning.

By the situation and the changing of teaching learning method in SMK Negeri 3 Pamekasan, the researcher is interested in conducting a study entitled “*The Correlation Between Problem Based Online Learning and English Achievement of 2nd grade Multimedia Student at SMK Negeri 3 Pamekasan*”.

B. Research Problem

Based on Sugiyono, research problem is the question in a research project that will be answered through data collection.¹³ So the research problem of this study is:

1. Is there any correlation between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan?
2. How far is the correlation between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan?

¹³ Sugiyono, *Metode Penelitian Kuantitatif Kualitatif dan R&D*, (Bandung: Alfabeta, 2009), P. 35.

C. Research Objective

Based on the research problem , the researcher determines this research as means:

1. To investigate wether there is correlation between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan.
2. To measure how far is the correlation between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan.

D. Significant of Study

There are two kinds of significant of study in this research there is theoritical and practical. The researcher hope that the result of this study will used as:

1. Theoretical
 - a. This research expects that it can increase the knowledge and to know student response in English echivement.
 - b. This study can be used as additional reference for education and futher research.
2. Practical
 - a. This research hope to give more information about the student English achievement.
 - b. By this research hope the reader can get some contributions on enlargement of knew knowledge.

E. Scope and Limitation

Based on Oxford scope is the range of things that a subject covered by organization.¹⁴ From the definition above the scope in this study is focus on the effectiveness of using problem based online learning in online class. The limitation is potential weaknesses or problems in quantitative research that are identified by the researcher.¹⁵ The limitation of this study is focus on English Achievement of 2nd grade student at SMK Negeri 3 Pamekasan.

F. Assumption of Study

Assumption is about the thing that become think tread and act in doing the research.¹⁶ From the statement above the researcher formulate the assumption as follow:

There is Correlation Between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan.

G. Hypothesis

Hypothesis are declarative statements in quantitative research, hypothesis is a temporary statement that the truth is still weak, it must be tested for its truth.¹⁷ There are two kinds of hypothesis in this study, such as alternative hypothesis (Ha) and nul hypothesis (Ho). The hypothesis of this research is:

¹⁴ Oxford Learner's Pocket Dictionary, Fourth Edition, (Oxford University Press, 2011), P. 393.

¹⁵ John Creswell W, *Educational Research Planning, Conducting, and Evaluating Quantitative and Qualitative Research*, (Boston: Pearson Education Inc, 2012),P. 623.

¹⁶ Abd. Mukhid, *Metodologi Penelitian Pendekatan Kuantitatif*, (Surabaya: Pena Salsabila, 2013), P. 50.

¹⁷ Sofiyana Siregar, *Metode Penelitian Kuantitatif*, (Jakarta: Kencana, 2014), P. 38.

1. Ho : There is no Correlation Between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan.
2. Ha : There is Correlation Between Problem Based Online Learning and English Achievement of 2nd grade multimedia student at SMK Negeri 3 Pamekasan.

H. Definition of Key Terms

In order to clarify the key terms used in this study, the researcher define the key terms :

1. Problem based learning is a student centered approach in which students learn about a subject by working in groups to solve an open ended problem. The problem in here can be some motivation and learning.
2. Problem based online learning is the method same as problem based learning but there is online.
3. Online learning is education that takes place over the internet, it is often referred to as E-Learning.

I. Previous of Study

There are several preview of study that the other researcher have researched, among others :

1. Penerapan Model Pembelajaran *Problem Based Learning* (*PBL*) Berbasis Daring Untuk Meningkatkan Kemampuan Pemecahan Masalah IPA Materi Usaha dan Pesawat Sederhana Dalam Kehidupan Sehari-hari Kelas VII SMPN 9 Salatiga Tahun Pelajaran 2020/2021, By Naba Ul Kusna.

2. Effect of Online Problem Based Learning on Teachers' Technology Perceptions and Planning, By Erik T. Nelson.

In those preview of study there are similarities with research conducted by researchers, there is the research in here uses Problem Based Learning as research material, but the differences in this research are in research problem, object, and also from research objective are different.