

CHAPTER I

INTRODUCTION

A. Background of the Study

In facing AEC (Asian Economic Community) 2015 Indonesia is one of the countries located in South Asia that has already prepared to enreach its human resources with developing its capabilities in any sections. It means that Indonesia must be ready to provide its human resources with having excellent capabilities in academies, skills, attitudes, and responsibilities. To support all the capabilities of human resources, it cannot ignore the role of education system in a nation as with providing the set of good educational system, the purpose to educate the people in a country will be successful. In facing this condition, the government of Indonesia should facilitate its people with such an appropriate curriculum that may be appropriate to support the learning objectives of education.

As we know that the global National Indonesian Curriculum becomes a central issue in the educational system in Indonesia from the lowest level education; until the highest level ones. From the lowest level we know about the curriculum implemented in the pre and elementary schools, while in the highest levels, there are the curriculum implemented in the collegues and universities. Furthermore, it is known that, the changing of curriculum in our country ocured more frequently, it is because the government really concerns to provide the objectives of Indonesian Nation based on the one of our principles written in Undang Undang Dasar 1945.

In Undang Undang Dasar 1945 written that the government of Indonesia must give chances to educate and to build the intelligence their human resources, Indonesians' people in order to be reaching the prosperity of lives. For that reason the curriculum, actually has many positive goals like improving mindset, influencing the critical thinking, strengthening the activities in teaching learning process, and also building the good characters for Indonesians' people as human beings.

All of aspects like improving mindset, influencing the critical thinking, strengthening the activities in teaching learning process, and also building the good characters become the basic principles in teaching learning process at schools in Indonesia. In the colleges and universities, the highest levels of education, the role of curriculum hopefully should answer to fulfill the competency standards derived from the needs of the students; the content standards derived from the competency standards through its core competencies-free subjects; all subjects should contribute to the formation of attitudes, skills, and knowledges of learners; the subjects are derived from competencies to be achieved and bound by core competencies; and the conformity demands of graduate competencies, content, learning, and assessment.

Based on the reasons above, in this research, the writer is interested in developing the English materials ,especially which can be used for teaching in the Medical Laboratory Technology of the Health Polytechnics Semarang, the reason because it is very important to consider the needs of English materials which may elaborate the students' needs in academics and the demands of stake holder in the work field for their future career. Since it can answer the objectives of the education in the highest level; they are providing the graduated students whose mastery in their studies ,capabilities in their work field, and eagerness to be entrepreneurs.

In this research, the writer conducted the content analysis on the course book, *Handout of English 1*. Then, the writer found some strengths and weaknesses of the course book. After that, the writer proposed to design the materials that equip students for the real-life interaction, on the other hand, she tried to create *ESP Materials For The Medical Laboratory Technology Based On The Task Based Language Learning*.

Furthermore, it can be taken as an example, actually, the Handout of English 1 only consists of two skills of language competences and one language focus; those were reading comprehension, listening comprehension, and structure or written expressions to be studied. In other words, the materials inside the existing book more concerned in the TOEFL subject. Knowing these conditions, it seemed that there were still needed some efforts to overcome this problem, like teaching two other

language skills which are writing and speaking. Then, there was another competency which also should be taught, that was teaching about knowledge of vocabularies. It is because the teaching writing, speaking, and knowledge of vocabularies are also very important in EFL learning.

Moreover, the writer purposed to choose one approach of learning language which is Task Based Language Learning (TBLL) to be used in her research in designing the proposal course book for the Medical Laboratory Technology students. The reason why the Task Based Language Learning let the writer to be used in this research because there was an opinion that the Task Based Language Learning approach may be more effective to be applied in the EFL teaching at the vocational class, in this section, the Medical Laboratory Technology Department. Besides, in creating the materials, this approach seemed matched with the curriculum for Diploma 3 students; it was English for Specific Purposes. So, in her product later, the writer would like to provide and support the materials with inserting the 4 language skills and 2 language focuses with embedded both academics and work field.

Thus, based on the previous reasons above the writer then conducted the research in *Designing ESP Materials Based on TBLL For The Medical Laboratory Technology Students In the Health Polytechnics Semarang: A Research and Development*.

B. Limitation of the Study

Limitation of the study focuses on developing ESP materials based on TBLL for Medical Laboratory Technology Department of the Health Polytechnics Semarang. This textbook developed into 6 chapters as the material for teaching learning process in one semester. It is because these 6 chapters provided in the textbook can be matched with the duration of time during studying in the MLT Department in one semester. However in this research, the writer proposed 2 of 6 chapters as the prototype ESP materials.

C. Problem Statement

The problem statement relates to the quality of existing textbook entitled *Handout of English 1*. This content of the book is only discussing about the three of skills' competence that are reading comprehension, listening comprehension, and language focus. As a matter of fact, these materials provided are related to the TOEFL subject. They do not discuss about English for medical laboratory technology. Next, the methodology of the existing textbook does not match with the students learning style. It is not considering about the students' centered learning so the application in using *Handout of English 1* sounds boring for students in EFL learning. Then, the design and organization must be revised because of its poor design. Based on the reasons, it is not flexible if the lecturer uses the book for a teaching book as an implementation in teaching learning process based on Curriculum for Diploma 3. Related to the above problem statements, the writer conducts the research based on several research questions, those are:

1. What is the quality of course book entitled "Handout of English 1" used in the Medical Laboratory Technology Department?
2. What is the proposal prototype of ESP Materials for the students of Medical Laboratory Technology based on TBLL?
3. What is the quality of proposal prototype of ESP Materials for the students of Medical Laboratory Technology based on TBLL?

D. Objective of the Study

The objectives of this research are: *first*, to investigate the quality of existing textbook entitled "Handout of English 1" used in English teaching and learning at Medical Laboratory Technology Department; *second*, to explain how to propose a prototype of ESP materials for Students of Medical Laboratory Technology Department; and *third*, to explain the prototype quality of the ESP materials based on TBLL.

E. Benefits of the Study

There are some benefits can be drawn from this study. Theoretically, the writer believes that *firstly*, this research can encourage other writers to develop the same kind of research related to the English material development; *secondly*, this research gives contribution toward English teaching and learning especially for English lesson in the Medical Laboratory Technology Department of the Health Polytechnics Semarang.

Besides, the benefits of this study can also be found from the research practically. They are: *first*, for the writer, it can give the writer a better understanding and a challenge about designing ESP materials for students of Medical Laboratory Technology department; *second*, for the students, it can help and facilitate them to learn the English lesson more easily and effectively; *third*, for the English lecturers, it can provide some alternative resource and learning English process in the class; *last*, for the institution, it can help to overcome some problems found in the campus especially in the lack of English material especially for teaching at Medical Laboratory Technology Department.

F. Research Paper Organization

Research paper organization is given in order to that readers could understand the context of the research paper. In this case the writer will organize this research paper into five chapters.

1. Chapter 1 Introduction

In this chapter the writer would like to tell her reasons why she decided to write about the Research and Development. The title is *Designing ESP Based On TBLL For Students of Medical Laboratory Department*. She is interested in developing the English materials, especially which is used in the Medical Laboratory Technology in the Health Polytechnics Semarang because it is very important to consider that the needs of materials study which may elaborate the students' needs and the demands of stake holder must be paid attention for the institutions. Since it can answer the objectives of the education in the highest level; they are providing the

graduated students whose mastery in their studies ,capabilities in their work field, and eagerness to be entrepreneurs.

Why this research is interesting because as long as the writer has been working as a lecturer's assistant in the Polytechnics, the existing material used by the lecturer since 3 years ago in fact is out of the need analysis of students and lecturers. The material was designed from the compilation of any sources like articles, journals, medical record form, TOEFL, etc. Nevertheless, it is also provided in unorganized design. Moreover, the methodology of teaching is not suitable for the students' condition nowadays because of the limiting students' activities. On the other side, it is still using the traditional method. For those reasons, it is very necessary to revise the existing material which can be more suitable and compatible with the curriculum for the students of Medical Laboratory Technology.

2. Chapter 2 Related Literature

Chapter 2 explores about the theories dealing with the research. Those are included *previous studies and underlying theory*. In the previous study would be explained about some previous research discussing the use of Task Based Language Learning approach in material development, then it also continues to explain the position of the writer in this research. Besides, the underlying theory is related to some theories that the writer used as a basic theory in this research. The theories are Curriculum for diploma 3 of the Health Polytechnics, especially for the Medical Laboratory Technology Department, the use of task based language learning (TBLL), the role of ESP (English for Specific Purposes) Development, the Need Analysis, the Materials Development, and the Materials Evaluation.

3. Chapter 3 Research Method

Dealing with the description of the research method applied in this research, it could be described the two main points; they are the *research design* and *research procedures*. In the research design, it explains about object, subject, and objectives of

the research. Then, the latest which is research procedures, it concerns to the detailed procedures among of three stages such as exploration, developing, and evaluation.

The Procedures of Research modified from Borg and Gall would be explored by the writer to explain her research method in this thesis. In the exploration stage the writer discusses about the literature review, field study, and need analysis. Then in development stage the writer concentrates into the following steps for developing a draft of ESP prototype. Lastly, in the evaluation stage the writer explains how the expert judgments and teachers give the validation of the product until it can be permitted to be released and used for the students of Medical Laboratory Technology Department.

4. Chapter 4 Research Findings and Discussions

This chapter showing the research findings and discussions explains deeply to answer the statements of the problems. They are (1) what the quality of the existing materials used in EFL for the students of Medical Laboratory Department is, (2) what the proposal prototype of ESP materials for MLT students is, and (3) how the quality of the ESP prototype itself is. All the research findings would be explained and discussed into three stages; they are exploration, development, and evaluation stages.

Firstly, the writer in the *exploration stage* explored deeply about two parts of findings; they are a textbook analysis and a need analysis. Secondly, in the *development stage*, it discussed about three things which are cores in this research; it includes about a syllabus design, a lesson plan design, and a prototype of ESP materials. Then, lastly, in the *evaluation stage*, it discussed about the expert judgments and the quality of the final product of ESP materials based on TBLL for students of medical laboratory technology department.

5. Chapter 5 Conclusion, Implication, and Suggestion

This chapter presents the conclusion from the research findings and discussions. In this case, the writer concludes the findings into the explanation the writer has done in the three stages starting from the exploration, development, and

evaluation stage. Then the writer draws the implication of this study which is related to the knowledge in how to design a syllabus, lesson plans based on TBLL and a book with guided tasks. Finally it is followed by the suggestion. It is expected in this study that that those suggestions can give usefulness for other researchers and English lecturers especially in designing such ESP materials for EFL learning.