

CHAPTER I

INTRODUCTION

This chapter takes up the main content of this research including background, research questions, research purposes, research significances, rationale, and previous research.

A. Background

This study investigates needs analysis for students of computer network engineering major at Muhammadiyah 2 vocational high school in English for specific purpose. The vocational high school has several majors to be taught which are different from senior high school (Reziana, 2017). The difference is not a reason for students of vocational high school not to learn English at all because English is needed by the students in any major or in any kind of education.

Vocational high school is education that prepares learners for ‘work in the fields of animation, engineering, nursing, automotive, accounting, industry technician, electricity technician, multimedia, etc. (Kholis and Mardapi, 2020). English for Specific Purpose (ESP) is a call for vocational high school that learns English because the students in vocational high school have their own major. If the learner has a specific needs, learning English can be categorized as English for Specific Purpose (Simion cited on Reziana, 2017).

Additionally, the difference between vocational high school and senior high school is not only in the majority aspect but also in output. The output of vocational high school students is prepared to be a worker. It is different with the student in senior high school. They are promoted to study further.

Hutchinson and Waters (1987) defined needs analysis consists of two parts. There are target situation needs and learning needs. Target situation needs consist of “necessities”, “lack” and “wants”. On the other hand, learning needs are how learners learn the language.

According to Karimi and Vahdani (2014) needs analysis is a major point to consider in English for Specific Purposes (ESP) courses for syllabus design and materials development. By doing the analysis, the result of the needs analysis helps teachers to identify students' needs. To increase the learners' motivation, needs analysis is the foundation on which we can develop curriculum content, teaching materials, and methods (Otilia, 2015). As the statement above, needs analysis helps the teacher to understand what are needed by the students and the teacher can use an appropriate method to teach the students

On the other hand, the research about English for Specific Purposes was conducted by several researchers. First Ayuningtyas (2015) who conducted study in 11th 116 State High School Ragunan. The purpose of the research is to investigate English language perception and needs for English for Specific Purpose. The result of this research was the students perceptions of English language is low in four skills (listening, reading, writing and speaking), but the lowest from those skills is speaking skill. The second is a research on needs analysis in vocational high school students has also been conducted at SMK 1 Padang West Sumatra conducted by (Zurniati & Kustati, 2015). The purpose of the research is to find out electricity technician students' needs in learning English. The study found that the students need skill to read the warnings, cautions, or signs written in English. Besides that the students need reading ability to read manual book of electric that written in English. In addition, the students also need reading ability to read manual book of electricity that written in English. Third is a research by Reziana (2017) who conducted a needs analysis in Vocational High School. The research was conducted at Singaparna Vocational High School in accounting major the aim of the research is to find teaching method employed and students' needs in language skill. The study found that the teacher used communicative method to approach students' attention. Next is the research by Salisna, Harahap, and Sofyan (2019) who analyze needs analysis in Vocational High School in Bengkulu city. The study was prioritized to know what English skill and sub-skill needed by students of tour and travel department. The

study found that needed by the student is speaking. Another research conducted by Sularti, Drahati, and Supriyadi (2019) analyzed about students material needs in learning the English listening skill at Vocational High School in Surakarta. Meanwhile students' perceptions to their needs for English for specific purposes also studied by Wulandari and Muhsin (2019) to define perception of nursing students' needs for ESP material at SMKS Kesehatan Kendari,

This research has similar topic about English for specific purpose but in the different focus. This study focus on the target situation perception in learning English. This study will analyze the goal, the aspect of English and the difficulties of target situation in learning English.

Finally, the title for this research is “ENGLISH FOR SPECIFIC PURPOSE: A NEEDS ANALYSIS AT VOCATIONAL HIGH SCHOOL OF COMPUTER NETWORK ENGINEERING”.

B. Research Questions

From the description above, the research question can be formulated as follows:

1. What are the needs analysis of learning materials needed by Computer Network Engineering students at Muhammadiyah 2 Vocational High School in learning English?
2. How are Computer Network Engineering students view ESP learning English at Muhammadiyah 2 Vocational High School?

C. Research Purposes

Referring from the research question above, this study is intended to find out:

1. To find out the learning materials needed by Computer Network Engineering students at Muhammadiyah 2 Vocational High School
2. To find out Computer Network Engineering students view ESP learning English at Muhammadiyah 2 Vocational High School

D. Research Significances

The findings of this research may give several benefits for English teachers and students. The result of this study will give ideas for English teachers to be more creative, innovative in teaching their students. They can teach with the appropriate English material and English skill based on the students' want, needs and students necessary in computer network engineering. Then for curriculum design this study will useful too.

Because the output of vocational high school students is prepared to be a worker, by this research will help them to be more motivated in learning English to facing job competition. This study also helps the other researcher. They can use this result of this research as comparative study.

E. Rationale

To know learners' needs, needs analysis is required to gather information that will meet the learning needs. According to Iwai et al., (1999) needs analysis is the activities involved in collecting information to meet the learning needs of a particular group of students. In addition, needs analysis helps for developing a curriculum or educational program. It is refers to Hariyadi and Yanti, (2019) that needs analysis is the process of gathering information that will meet the learning needs to help for developing a curriculum.

Needs analysis consist of two parts, there are target situation needs and learning needs. Target situation needs includes: necessities, lacks and wants. Necessities determine by the demand of the target situation. Lacks are the gap between necessities and what learners already know. Wants are learners' subjective needs (Hutchinson & Waters, 1987). Learning needs is how learner learning the language. How their motivation, the way they prefer to learn, learners' personal information and the available resources (Hutchinson and Waters cited in Li, 2014).

Hutchinson and Waters, (1987) stated in their book, that English for Specific Purpose (ESP) used for students who have a specific needed. English for Specific Purpose is “Tell me what you need English for and I will tell you the English that you need”. It means English for Specific Purpose will help the students to get the appropriate English materials based on their own major. For the computer network engineering students, they also need English about computer network its self in order to help them in any computer network activity. The ability of use English is very helpful for students to explore the field they study. Furthermore with the great English skill, it can be a very useful thing in competition when finding a job for their career in the future (Sari, Kuncoro, & Erlangga, 2019).

In Vocational High School, there will be a different number of needs. It is depend on their major there are in. Needs analysis help them gathering information that will meet the learners needs. Therefore needs analysis is a major point to consider in English for Specific Purpose courses for syllabus design and materials development (Karimi & Vahdani, 2014). According to Otilia and Brancusi (2015), needs analysis is considered to be the foundation of English for Specific Purpose. A needs analysis is undertaken with the aim to identifying the students of computer network engineering in learning English.

F. Previous Research

Related to the previous research, there is a study which same focus on needs analysis but different in purpose of the research. This study was conducted by Zurniati and Kustati in State University of Padang and Kustini in State Institute for Islamic Studies Imam Bonjol of Padang (2015), West Sumatra Indonesia. Identifying the needs analysis of ESP subject at Vocational High School is the purpose of the study. The study found that students need skill on reading the warnings, cautions, or signs written in English and the students also need reading ability in order to be able to read the electric manual written in English. There are some obstacles in the field of

teaching English that the teacher found. They still used student's worksheet to teach (Zurniati and Kustati, 2015).

Another report was conducted by Ayuningtyas in University of Indonesia (2015), Indonesia. The research discussed the students' perception of their English language ability, the specific English need of the students, interviewing with English teachers to know the condition of English course, and the recommendations for the teachers relating to English course. The subject of the research was eleven grade students at 116 State High School Ragunan. Unlike other Indonesia state high school, the participants in this research were professional athlete. Some of them often go abroad for training or competition. At this school the students study less than the normal study hour, they start from 8 a.m. to 12 p.m. because they have to do sport training until the evening. The result from this study shows their English skill is low in four aspects (listening, reading, speaking, and writing), but the lowest is speaking skill. The researcher gave the suggestion for the teacher to provide the students with the skill they need the most and meet the change of curriculum in Indonesia (Ayuningtyas, 2015).

