

## CHAPTER 1

### INTRODUCTION

This chapter describes the general information on the research. This aims to ensure the feasibility and validity of the study. This chapter will be divided into six sections, which are the background of the study, problem statement, the objective of the research, benefits of research, research limitations, and operational definition.

#### **A. Background of Study**

Education is the most important thing to improve the quality of a person. Education is also the key to the future of a person or country (Pnnmu, n.d., 2018). From this education, a person has sufficient knowledge and insight. So that they are all able to complete to improve their quality.

The learning process or education can be obtained at school. Schools, in general, have several levels from kindergarten to senior high school level, and some even continue up to college. This proves that school is very important to obtain education and as a reference for one's future (Pnnmu, n.d., 2018)

Education also provides provisions to defend themselves from industrial culture (Freire, 2001). This gives the understanding that education provides a lot of knowledge to survive and be able to compete in the future. Many things are learned in education one of which is English.

English is one of the most important languages in the international sphere. Almost all countries make English for their first language or English will be made for a second language after the main language of their country. So that many researchers from abroad using English as the language to explaining or describe the research they do.

Learning English in schools has experienced many developments. From using the learning methods by the teacher until using the learning media. However, the process of learning English is not very good, and the students also have some problems in learning English (Ariyanti, 2016). This proves that there are still many students who have problems learning English.

The problem that is often faced by students is that they do not know about English vocabulary, and they are also not interested in English lessons. This disinterest makes students apathetic or does not want to know about the lesson, and when they get homework they did not do this homework. And if they do the homework they do not understand the questions, so they do it carelessly.

Another problem is experienced by Vocational High School (SMK). They do not know the English language material that matches the major they are taking. Most of the material given to SMK is the same as the English material given to Senior High School (SMA). This means that there are still a lot of English language materials taught in SMKs that are not following every department in SMK. Therefore, it is necessary to have a way to overcome these problems.

One way to overcome this problem is by developing an English teaching materials for SMK. The syllabus will be tailored to what the students need. English for Specific Purpose (ESP) is aimed at SMK, in other words, the English language material taught is adjusted to the majors SMK. ESP aims to prepare students to learn English following the academic field and work of each student(Hartono, 2017). ESP also aims to study English with certain topics and English as a restricted language. From the design of the English teaching materials for special needs that the needs of students are the main reference for compiling the design (Septiana, Petus, Inderawati, 2020).

In this study, the researcher wanted to develop English teaching materials aimed at students majoring in chemistry class X at SMK Negeri 1 Mojoanyar, due to research on the development of the English teaching materials no one has developed it at the school. Based on the description that has been described above, the researcher is interested in conducting this research with the title **“Developing Integrated K-13 and Content-Based English Teaching Materials for Major Analytical Chemistry Students of Vocational High School ”**.

## **B. Problem Statement**

Based on the background study described above, some questions can be made as follows:

1. How the process of developing English teaching materials that are suitable for major analytical chemistry of class X SMK?
2. How the result of the development of English teaching materials that are suitable for major analytical chemistry of class X SMK?

### **C. The Objective of The Research**

The objective of the study to be achieved there are:

1. To know the process of developing English teaching materials that are suitable for major analytical chemistry of class X SMK.
2. To know the results of developing English teaching materials that are suitable for major analytical chemistry of class X SMK.

### **D. Benefits of Research**

The benefits that can be obtained from this research there are:

1. For researchers, this research is a term for the fulfillment of a thesis and as a support for future research.
2. For English teachers, this research is useful to meet the needs of students under the majors that are taken.
3. For students, the researcher hoped that they can meet the needs of English by the department they are taking.

### **E. Research Limitations**

To avoid a broad interpretation, it is necessary to have the following research limitations:

1. The learning tool developed is the English teaching materials.
2. The research subjects were limited to grade X students majoring in analytical chemistry at SMK Negeri 1 Mojoanyar.

**F. Operational Definition**

1. K-13 is a set of plans and arrangements regarding the objectives, content, and learning materials used as a guide in learning activities.
2. Content-based to teach specific information and content using the language that learners are learning.
3. Teaching materials are components that must be prepared by the teacher before carrying out learning. Learning devices must be owned by the teacher as a tool used to assist the learning process.