

**DEVELOPING ENGLISH READING MATERIALS  
FOR GRADE ELEVENTH STUDENTS  
IN SMK FARMASI-YPFSSU MEDAN**

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**By:**

**CATERIN GRACE IVANA SIREGAR  
Registration Number: 2133121018**



**ENGLISH AND LITERATURE DEPARTMENT  
FACULTY OF LANGUAGES AND ARTS  
STATES UNIVERSITY OF MEDAN  
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**ARTIKEL**

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Disusun dan Diajukan oleh:

Caterin Grace Ivana Siregar

NIM. 2133121018

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Menyetujui

**Dosen Pembimbing I**



**Dr. Siti Aisah Ginting, M.Pd.**  
NIP. 19570521 198403 2 002

**Dosen Pembimbing II**



**Rika, S.Pd., M.Hum.**  
NIP. 19780717 200812 2 001

**Ka. Program Studi  
Pendidikan Bahasa Inggris**



**Nora Ronita Dewi, S.Pd., S.S., M.Hum**  
NIP. 19800522 200812 2 003

# DEVELOPING ENGLISH READING MATERIALS FOR GRADE ELEVENTH STUDENTS IN SMK FARMASI YPFSU-MEDAN

\* Caterin Grace Ivana Siregar

\*\*Siti Aisah Ginting

\*\*Rika

## ABSTRACT

**Siregar, Caterin Grace Ivana. Registration Number: 2133121018. Developing English Reading Materials for Grade Eleventh Students in SMK Farmasi-YPFSU Medan. A Thesis. English Education Study Program, Faculty of Language and Arts, State University of Medan, 2018.**

This research aimed to develop appropriate English reading materials for grade eleventh students in SMK Farmasi-YPFSU Medan. The research was conducted by Research and Development (R & D) design by adapting Borg and Gall's research theory (2003) through six steps, such as: (1) Gathering data and information, (2) Analyzing data, (3) Designing new materials, (4) Validating new materials by experts, (5) Revising, and (6) Final product. The data of this research were the existing reading materials and the results of need analysis. The sources of the data were the textbook, students and teacher. The class consisted of 30 grade eleventh students. The instruments for collecting the data were questionnaire, interview, and documents. The questionnaire was analyzed as quantitative data and the interview result was analyzed as qualitative data. The questionnaire and interview was done to get the students' need. The interview and questionnaire results prove that the students need English reading materials which contain English for pharmacy program. Thus, developing English reading materials were procedure text. The developed procedure texts were related to the pharmacy program. The products have been validated by experts. The average scores are 4,03 from English Lecturer and 4,57 from English Teacher. It means the developing reading materials categorized as appropriate or relevant for the grade eleventh students in SMK Farmasi-YPFSU Medan.

**Key words:** *Research and Development (R & D), Reading Materials, Vocational High School.*

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\*Graduate

\*\* Lecturer

## **INTRODUCTION**

### *Background of the Study*

English is a compulsory subject taught in vocational high school. Based on BSNP (2006), English in vocational high school is aimed to improve knowledge, attitude, and skills of the students in order to equip them to live autonomously and to continue their education based on their skill programs. It also mentioned that the graduates should be able to maintain communication based on their workplace condition. SMK Farmasi-YPFSU Medan is one of the vocational high schools which concern on Pharmacy major.

By mastering English, students can increase their value and more appreciated in the job field. To achieve this objective, one of the important things to help the students learn English is the materials. Unfortunately, the English materials that provided by the government are too general. The English materials taught to vocational high school students ought to be more specific compared with the other educational institutions. It is related to the purpose which students want to achieve. It means that vocational high school is undertaking the ESP which has the specific purposes in learning English. The specification of English will help the learners to master English as they need in term of specific purpose they have (Hutchinson and Waters,1987).Also in fact, the students' needs of English are different, especially for vocational high school. Hutchinson and Waters (1987:53) state that what distinguishes ESP from General English is the awareness toward the students' needs. That is the reason why vocational high school should applies ESP regarding the specific purpose of each major because of ESP, students will have the materials which are related to their major.

In the vocational high school, the reading materials should be based on students' major to convince that the English reading materials will support their future job in their job field later. Providing the relevant reading materials will be useful to facilitate the students to achieve the goal of learning.

Based on the researcher's observation of English teaching materials used in SMK Farmasi- YPFSU Medan, it was found that textbook as one of the teaching materials used in that school was not specified to the pharmacy program. The textbook they used is "*Get Along with English for Vocational School Grade XI Elementary Level*" published by Penerbit Erlangga, in 2010. In fact, the content of the reading materials in the textbook were unrelated to the pharmacy program especially the genre of procedure text which is about 'How to make a cake' and 'How to make the chocolate'. The data show that the reading materials in the textbook are inappropriate to the grade eleventh students in SMK Farmasi-YPFSU Medan. There was a gap between the materials and their prior knowledge.

Students have to learn English which is related to their major which consists of the pharmacy topics as reading material such as how to make ingredient of medicine, how to use the medicine, etc. So, the students can learn effectively in the class and the knowledge they get from the materials can be applied based on their expertise in their workplace later.

Concerning the background above, the researcher would like to conduct a research by using Research and Development (R&D) design to develop the appropriate reading materials for the grade eleventh students in SMK Farmasi-YPFSU Medan. The development is based on the students' need especially reading that relate to their major and to help them enrich their capability in

comprehending the reading materials which hopefully can improve their reading skill that will be beneficial for their future job.

## **REVIEW OF LITERATURE**

Cline, John, and King (2006:2), state that reading is decoding and understanding written texts. Decoding requires translating the symbols of writing into the spoken words which they represent. Understanding is determined by the purposes for reading, the context, the nature of the text, and the readers' strategies and knowledge.

Hutchinson and Waters (1987) define ESP as an approach to language teaching which aims to meet the needs of particular learners.

Graves (2000) defines that Material Development means creating, choosing or adapting, and organizing materials and activities so that the students can achieve the objectives that will help them reach the goals of the course.

Materials mean anything which is used to help to teach language learners. Materials can be in the form of a textbook, a workbook, a cassette, a CD-ROM, a video, a photocopied handout, a newspaper, a paragraph written on a whiteboard or anything which presents or informs about the language being learned (Tomlinson, 1998:xi).

## **RESEARCH METHODOLOGY**

### *Research Design*

The research conducted based on educational Research and Development (R&D). Gall, Borg, and Gall (2003: 569) state that R & D is an industry –based development model in which the findings of research are used to design new product and procedures, which then are systematically field-tested, evaluation, and refined until they meet specified criteria of effectiveness, quality or similar standards. There are six steps of Research and Development (R&D) proposed by Borg and Gall (2003), such as : (1) Gathering data and information, (2) Analyzing Data, (3) Designing new materials, (4) Validating new materials by experts, (5) Revising, and (6) Final product

### *Data and Source of Data*

The data of this research were the existing reading materials and the results of need analysis. The sources of the data were the textbook, students and teacher.

The class consisted of 30 grade eleventh students.

### *Instruments of data collection*

The data were collected through the analysis of questionnaires and interviews, and also the documents such as syllabus and textbook or existing materials. The questionnaires were administered to get the data of students and teachers, also to know the students' need and their problems in learning English reading materials. Interview were administered to get data of teacher as the instructor of teaching-learning process in the class and the students as the user of

teaching materials, also to know whether the reading materials matches to the needs of the students or not.

### *Techniques of Data Analysis*

1. Need analysis by using questionnaires and interview. The qualitative data were obtained from the questionnaires of the students and also the interview of teacher and some students. Questionnaires were distributed to the students and then they asked to answer the questions provided in order to get the related data. Then, the data were analyzed by drawing the conclusion both from the questionnaires and interview, as interview were obtained to support the questionnaires. Then the quantitative data were analyzed by using percentage and descriptive analysis. The data from questionnaires were firstly collected in the table and then the researcher described the findings. Based on the two analyses, the researcher would plan the appropriate English reading materials, particularly procedure text.
2. All documents were analyzed. Matching the existing materials to the syllabus. Then, the researcher planned to develop the relevant reading materials based on the need analysis, particularly procedure text.

### **FINDINGS**

1. Gathering data and information were started by observation of the documents such as syllabus and textbook or existing reading materials. Based on the observation, the textbook used in grade eleventh students of SMK Farmasi-YPFSU Medan using KTSP (Kurikulum Tingkat Satuan

Pendidikan). It was found that the textbook was inappropriate and should not be used for students in SMK Farmasi-YPFSU Medan. The existing reading materials needed to be evaluated. After administering the documents, need analysis was conducted. It was done by using questionnaires distributed to the students and interview to some students and the English teacher.

2. It was found that the existing reading materials did not cover the grade eleventh students of SMK Farmasi-YPFSU's need. There were some reading texts such as "How to Make a Cake" and "How to Make Chocolate" (see appendix C). The existing reading materials were dominant for the culinary department. Thus, the analysis of the existing reading materials showed that the reading materials need to be developed. The materials development should match the students' need analysis as the priority in developing the new materials. The development is based on the students' need analysis.
3. The English reading materials of pharmacy program were developed based on the syllabus. These materials were developed by selecting the procedure texts from the book an internet which contained appropriate materials for pharmacy program. The layout of the text then also designed by adding some pictures related to the text and make some words list or vocabulary to make the text more interesting and also developed some questions based on the reading text given which all related to pharmacy program

4. As the materials had been developed, they were then evaluated by two experts. the validation score of the developed reading materials of procedure text was categorized as appropriate or relevant material for grade eleventh students in SMK Farmasi-YPFSU Medan. The average scores are 4,03 from English Lecturer and 4,57 from English Teacher.
5. After getting the validation from the experts, the experts' suggestion considered in order to get the best quality of the reading materials. The developed reading materials need to be developed into two kinds of procedure text such as how to make and how to do and the development of the exercises based on those kinds including the generic structure and language feature. Also, the developed materials were added one more example of procedure text.
6. After revising the reading materials, the final product had been completed. It had been developed based on the experts' suggestion and it would be able to be applied for grade eleventh students in SMK Farmasi-YPFSU Medan

## **CONCLUSION AND SUGGESTIONS**

### *The Conclusion*

The grade eleventh students in SMK Farmasi-YPFSU Medan need the specific English reading materials particularly procedure text about pharmacy program in order to activate their prior knowledge through the relevant topic on reading and to prepare themselves for working as pharmacists in the future later. The new reading materials were developed by using six steps of Research and

Development (R&D) by Borg and Gall (2003), such as (1) Gathering data and information, (2) Analyzing data, (3) Designing new materials, (4) Validating new materials by experts, (5) Revising, and (6) Final Product. The materials were developed based on the data of from the students' need analysis questionnaires and interview from teacher and students, and also the existing reading materials.

### *The Suggestions*

It is suggested that the English teacher of vocational high school should use the appropriate reading materials for the students based on the specific program of the students. Teacher should be creative and able to develop the reading materials if they find that the materials are not suitable for vocational high school especially the pharmacy program students. For the students, it is suggested for them to be active in exploring more knowledge about their specific program if they want to increase the ability in reading and for other researcher to find many references to support the development of reading materials as well as to fulfill the students' need in reading.

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