CHAPTER I

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1.1. Background of the Study

The purpose of English Department, Faculty of Teacher Training and Pedagogy, Widya Mandala University Surabaya is to produce candidates of SLTP and SMU English teacher. To realize that purpose, the candidate teachers should be given relevant knowledge and skills so that they have the competence as English teacher. Therefore, they should master the English vocabulary.

Vocabulary needs to be given much attention in order to make the teaching and learning process more effective and efficient, in other words it can make the students easy to master the vocabulary they need. Nevertheless, based on the observation at the English Department of Widya Mandala University Surabaya, the results of the vocabulary test in the *Extensive Reading* class are still low.

The lecturers of other lessons, especially Writing and Speaking empirically regret the effect of the results. The results, of course, are caused by several factors. One of them is the teaching and learning process.

The teaching and learning process is a systematic process where every component influences one another for the students' success. The essence of learning is that the students learn, it means that the students have to interact with the sources of learning, which is used to gain the objective.

In addition, it is also found that every class has students with different competence. Therefore, there should be a technique, which is in line with individual differences. Kemp (1985) says that a plan of learning will be more effective if the attention is mainly focused on the individual not on group Computer Assisted Language Learning (CALL) (Tsai and Pohl, 1981). Teaching and learning in CALL can be designed using the linear or branching method.

The development of CALL here is designed by using the branching method because this method gives more chance to learn individually. The lesson that is developed is *Extensive Reading*, especially focusing on verbs learning. Thus, this plan is designed systematically.

One of the techniques that can be used individually is Computer Assisted Language Learning (CALL) (Tsai and Pohl, 1981). The materials are focused on the vocabulary related to "*Health and Illness*" and

"*Crime and Punishment*". The writer chooses these two topics because these topics are quite interesting and the students often make mistakes in their use.

This study is supposed to be used to handle the problem about the source of learning for the *Extensive Reading* class, especially at the English Department of Widya Mandala Catholic University in Surabaya.

1.2. Statement of the Problem

In accordance with the background of the study, the writer can state two reasons. They are:

a. The limitation of learning resources at the English department, especially in relation with the *Extensive Reading* class. In this case the source of learning is still limited to textbooks that do not support the individual learning.

b. There is no available computer software especially for *Extensive Reading* that is designed by taking into account the individual differences, besides being interesting, able to give motivation, easy to be learnt, and able to support the individual in learning.

1.3. Objectives of the Study

Based on the problems above, this study is intended to produce CALL software for teaching vocabulary which is designed based on Dick and Carey's model as it supports the topic of this study and it has all of the components of Dyer's model which has already been modified.

1.4. Significance of the Study

The writer hopes that the result of the study will give input generally to the Widya Mandala University and especially to English Department.

According to Robinson (1991:67) evaluation is used as:

> ... a part of quality control. Any aspects of a program may be changed, hopefully for the better, as a result of information obtained from the evaluation. In other cases an evaluation may function as a source of information and experience, but not necessarily lead to change.

Thus, the writer hopes that the results of this study will provide the English lecturers who teach in English Department with some additional information about the learner's needs so that they can use the CALL software that is in line with the needs of the students of English Department.

Moreover, since the computer is a self-learning media, it can assist the student to be independent as an individual especially in the *Extensive Reading* class.

1.5. Scope and Limitation of the Study

This study is limited on two topics, they are "*Health and Illness*" and "*Crime and Punishment*" for intermediate level. The subjects used are the second semester students of the English Department of Widya Mandala Catholic University Surabaya; luckily, they are considered as having intermediate level. They are taken randomly from all the second semester students by using simple random sampling.

1.6. Definition of Key Terms

The terms that should be given explanation in this study are:

1) **CALL** is a teaching process directly involving a computer program in the presentation of instructional materials in an interactive mode to provide and control the individualized learning environment for each individual student.

2) **The development of vocabulary materials** is an activity to produce good computer software for

vocabulary that can be used in the *Extensive Reading* class.

3) **Extensive Reading** is one of the lessons taught at the English Department of Widya Mandala Catholic University in Surabaya. This lesson is learnt in the first semester.

4) **Faculty of Teacher Training and Education** is an institution of higher education in Widya Mandala Catholic University. It has a task to prepare its students to have a broad knowledge, master the science and the skills of English, and also to have the competence and skills in teaching English at the SLTP and SMU.

1.7. Assumptions

In line with the problem of this study, and due to the limited time the writer has, it is necessary to make some assumptions:

1. The writer assumes that the respondents have answered the questionnaires seriously.

2. Since vocabulary has an important role in language teaching, the writer assumes that the teaching learning process in the English Department has been conducted according to the objectives.

3. There are many students with different competence and characters in the classroom, so the writer assumes that CALL is a good program for individual learning.

1.8. Theoretical Framework

This proposed study is planned to be based on the theory of Computer Assisted Language Learning (CALL). Hick and Hyde (in Joiner, 1982:29) point out that CALL provides maximum opportunity for students to learn individually and to interact with the computer. The other theory is Dick and Carey's model of research design (1985) which also supports this study of material development through CALL.

1.9. Organization of The Study

This study consists of two parts. The first part has four chapters, they are (1) introduction, (2) review of related literature, (3) research methodology, (4) analysis of data and interpretation, and (5) conclusion and suggestion. The second part is the software in the form of small diskettes.