CHAPTER I

INTRODUCTION

1.1 Background

The language is that of the thing that often used of men communicate with each other. With technology development and communication appear the concept of learing new namely mobile learning. M-learning (mobile learning) is an approach that involves learning the move as mobile phones, personal digital asistant (PDA), laptop and a tablet personal computer (PC), where learner able to access the material, directions and application that is concerned with th subject without being limited in time and space, wherever and whenever they are. To the conecpt of the learning, mobile learning brings benefits the availability of the teaching material that could be access at my time and stunning material that interesting. Proven from some researches have discussed about the merits of using mobile learning in learning language and the result of research indicates mobile learning. It is the most effective way, efficient, and comfortable to study language (Md. Masudul & Hoon, 2013) (Yi-Sheng, et al., 2013).

Indonesian language is the official language of the republic of Indonesia and language national unity Indonesia. Indonesian language inaugurated its using after independence proclamation Indonesia, exactly a day after, at the same time as effective the constitution. With all cultures and economics

growth who occupies 16 the world economic powers, in Timor Leste, Indonesian language status as language work. In Australia, it will be there were 500 schools that opened program the study of Indonesia language. In Russia, there are five centrals the study of language Indonesian and three universities which have programs the study of Indonesian language. In the United States, Indonesian as lecture has been used in the 12 universities. In Cambodia, there is an embassy which is opened to study Indonesian language also. Cambodia is in mainland Southeast Asia, covering a land area of around 181,035km2 with a population of approximately 14 million. Cambodia is geographically located between 10 and 15oN and between 102 and 108oE. This coordinate indicate that Cambodia is a tropical, warm and humid country that is favorable for travelers all year around. Cambodia is one of many countries in Southeast Asia filled with a blend of charming touristic sites, cultural and traditional attraction, and culinary tourism (Sokthay Chanphearith, 2016). For Cambodian or Khmer is the language of Khmer people and the official of Cambodia. Every year, approximately 81 Cambodian students who being learn the art, culture, and Indonesian language.

Base on the analysis of the questionnaire was done by the writer, 81 Cambodian students in the university of Atma Jaya Yogyakarta, UGM university, the State university in Yogyakarta, in Jakarta, in Bandung, and in Surabaya face a difficulty understanding grammar 'Imbuhan' in the process of study Indonesian language. 'Imbuhan' can be added on a word or form the base of changing the meaning, type and function said the base or form have

different meaning into other words, the function of which different with a base or the form of essentially.

One of the difficultly is a 'Imbuhan' having a distinct meaning when plus in verb, an adjective, a noun. Difficulty is a 'Imbuhan' also has distinct meaning when plus in a verb with another verb, adjective with another adjective, or noun with another noun.

Based on problem above, so on this research, the writer contributes to help Cambodian students in learning process Indonesian language by develop a mobile based program of 'Imbuhan' grammar. Basic idea of the development of this program is make lessons who explain to students 'Imbuhan' grammar, then students can access a series of exercise quiz to deepen our insights about lessons and finally tests to the level of test understanding students about lessons. Later, on this application can be used with android platform. Consideration writer chose android platform as a mobile device is the construction of the application of the results of the analysis of the questionnaire was done by the writer, 81 Cambodian students in the university of Atma Jaya Yogyakarta university, UGM university and the State university Yogyakarta, and others having some mobile android devices, and always brought wherever they are. Thus, this application can be used anywhere in the world, anytime by colleague students who want to grammatical learning 'Imbuhan'.

Making application uses Android Studio IDEAS (integrated development environment and catholic primary schools (software development KIT) android as tools and language programming JAVA). A database that are supported this program is SQLite to keep all the questions, exercises quiz, and tests) that existed in applications in a mobile device users. By using SQLite on the application, there is not configuration database and not have Server. No process of a database SQLite that runs. The respecting of writer, this application can be one of the facilities that can help Cambodian students in learning Indonesian 'Imbuhan' grammar.

1.2 Problem Statement

Based on the background who previously noted, so problems researched by an author in this research is as follows:

    a. How to build m-learning for learning lessons grammar Imbuhan Indonesian language?

1.3 Research Limitation

Problems in research in bounded by the following this:

a. The application will discuss just about Imbuhan prefix (ber, men, ter, pen), a suffix (an) and confix (men-kan, men-i, ke-an, per/en-an)

b. A platform used as the basis of application is android mobile.

c. Using language programming Java, software Android Studiod and SDK (sofware development kit).

1.4 Originality of the Research

From some books or articles, scientific journals and research have ever done yet in find books or research specifically discuss about mobile learning grammar Imbuhan Indonesian language to Cambodian students.

1.5 Benefit of the Research

From the study is expected to contribute for Cambodian students in learning process 'Imbuhan'. This program will provide lessons, exercises quiz, and tests to facilitate and simplify learning Cambodian students. Thus, for teachers are not spent a lot of time to detailed grammar 'Imbuhan' on Cambodian students.

1.6 Purpose of the Research

1. This study attempts to build an application mobile learning grammar.

2. 'Imbuhan' Indonesian grammar helps Cambodian students in learning process.

3. This study attempts to draw up a lesson and exercises quiz to deepen concepts about lessons and tests level to verify students about lessons by using SQLite database to store data (questions exercises, quiz, and tests).

1.7 Systematic Writing

The writing of this thesis entitled: The development of mobile learning 'Imbuhan' grammar Indonesian language to Cambodian students, arranged in five parts with the writing of systematic as follows:

1.7.1 Chapter 1: Introduction

The part containing a brief overview of research to be performed. This chapter consisting of seven parts those are the background, the problem of statement, the researh limitaion, the originality of the research, the benefit of the research, the purpose of the research, and systematic writing as well as writing.

1.7.2 Chapter 2: Literature Review

It contains about concepts and whose theories used in this research, where chapter is divided into two parts and those are literature review and theorical background. Literature review outlines the various theories or from various sources library used for the establishment of duty the end. The theorical background containing about concept and key principles required to solve the problems.

1.7.3 Chapter 3: Research Methodology

It contains on improvements and expansion of the proposal thesis. There are materials which is to be used in the researh, an instrument used to implement research, steps research, and obstacles arising how to solve during the working.

1.7.4 Chapter 4: The Results of Research and Discussion

This section consisting of research presented in the form of tables, photos, charts, or other forms, with the explanation detail to any parts.

In addition, this section also contains about analysis was done with the results of research obtained, makes good qualitatively whole, quantitative, and normative.

1.7.5   Conclusion and Suggestions for Future Work

The part containing about conlcusion whatever obtained after the done. In chapter this well described about suggestions and input that can be used to further research.