

# CHAPTER I

## INTRODUCTION

### 1.1 Background of The Study

Information and communication technology (ICT) have grown during the past three decades said Konsbruck Robert Lee (2015), changing the industrial and trading sectors, and now moving to education. ICT in education expanding the range of possible solutions that can improve teaching and learning inputs, processes, and outcomes. Through the internet access, ICT can offer a lot of development in delivering audio-visual products, multimedia presentations, visual materials and end-user software which could be easily applied to create a new learning and teaching practices. Those varieties of tools made a lot of possible of teaching environment can be address to different students individual. Multimedia and network technology can make the students learn and access the material everywhere and every time as long as they have an internet access. Since the online data are rich, flexible, and easy to be accepted by the learners, network provides students with an open, realistic language environment (Shen, 2004). Riley (2000) stressed that teaching and learning that use technology effectively can lead to greater academic achievement and make a really different.

With current development in integrating ICT in ELT in the 21<sup>st</sup> century, there are a lot of digital tools in integrating ICT in ELT such as Wikipedia, Google Search Engine,

Padlet, Google Form, Youtube, etc. Digital tools is different from mobile application or any application that installed in your computer, a digital tools refers to the software or hardware of a website allowing for the interaction of its users. These platforms can be integrated, in this study the researcher will be using English Morphology and Syntax subject that studied in English educational study program at Universitas Negeri Jakarta. English Morphology and Syntax in English educational study program is one of the subjects that learned in second semester with 3 credits.

The aim of this study is to find what is the digital tools recently used in EMS class, and find the quality of learning activities that involving digital tools also the usability one of the platforms by using USE questioner

For the research gap, researcher found on the research by Derya Bozdoğan and Raşit Özen with title “use of ICT technologies and factors affecting pre-service ELT teachers’ perceived ICT self-efficacy”, they using ICT in the hardware perspective as the findings such as PC, notebook, mobile phone, voice recorder etc. And the result show hardware dominates the result with 14 results and only e-dictionary as the representative the software. And for this research the researcher will doing the research in software area because in previous research they talk a lot about hardware not the software

## **1.2 Research question**

- A. What are the digital tools found in English Morphology and Syntax classroom?
- B. How was the quality of the learning activities that involving digital tools in the English Morphology and Syntax Class?
- C. How high is the level of usability system one of digital tools in EMS classroom?

## **1.3 Purpose of the Study**

Purpose of this study is to find out what are the digital tools in teaching and learning activities by English education study program students in English Morphology and Syntax class, and measuring the quality of learning activities that involving digital tools also the level of usability system of online and offline platform

## **1.4 Scope of the study**

This study focuses on digital tools and the user in the classroom, because without the user digital tools can't be used and the usability of the digital platform it self

## **1.5 Significance of the study**

In theory, the significant of this study is to use the maximum capacity of ICT especially digital tools in English Morphology and Syntax subject so the ICT can be utilized in classroom

In practically, the significant of this study is to help students or the readers to find the suitable digital tools to help them find the material or to help learning English Morphology and Syntax