

CHAPTER I

INTRODUCTION

1.1 Background of Study

Information and internet are the basic people needs in this era. Many positive benefits can be absorbed such as entertainment and information, connect people around the world, express opinions, share information and interact in it. Even though it does not rule out the possibility of negative impacts from using the internet, the need for information in using the internet cannot be denied.

Siraj et al (2015) said that the internet is the key information and communication technology that has resulted in a qualitative shift in the global information situation. For this reason, almost people now have gadget to browse information and entertainment, as well as lifestyle. Parents, teenagers, and children are unable to move from everyday use of gadgets. The people, also students, become familiar with the internet to fulfill their information, communication, and entertainment needs. Life runs fast due to the development of information, which then cause internet as the main friend for life. Whether it is has negative or positive impact in live internet still the need of life. In short, the internet is a global network system that connects various commercial, public, business, academic, and government networks to allow for global communication and data access.

Ngoumandjoka (2012) said that internet has become a daily commodity in most people's lives. However, the addictive-like features of the internet make any individual who excessively use it a potential victim of its negative effects. Some of its negative effects include impaired sleeping patterns, social relationships break-ups, job losses, mental and physical health as well as poor academic performance.

Refers to advantage of the internet it can improve education in teaching learning process. In education, internet has contributed as a media to find out source of materials.

Education is expected to give contribution on development of students' competition in the technological era, because of that learning is now trying to

be associated with technology. Development in learning technology is expected to create skills that are more efficient and useful. Teachers and students are required to be advance and explore in understanding the role of existing technology. With the technology that is developing more rapidly, it needs digital media.

Digital learning media is an electronic media that can be utilized in learning activities. When it is used properly students and teachers are going to achieve learning goals. In general, digital learning media can be used through software such as computers or laptops by connecting to internet network facilities. However, there are also those that are carried out offline by not utilizing the internet, but this method is not able to accommodate extensive exploration of teaching materials.

Further, the digital interactive learning media is a multimedia digital service product that can present content in animated videos, moving images, text, and learning games. The use of digital media should assist students in comprehending the material taught by the teacher. To ensure a successful learning process, teachers in the modern era must think creatively about the learning media they use, so that teachers can use a variety of digital devices to provide learning material for students. There are many applications that teachers can use in an interesting way; it is especially recommended for young teachers who are smart and adept at using digital media.

Digital media learning is very effective for student learning at anytime and anywhere. Teachers and students can communicate during learning in or out the class using the media such as Gmail, WhatsApp, Telegram or other learning media. By using ICT-based applications as media, teachers can assist students in delivering learning material; active class are going to run well, and the objectives of learning can be achieved.

Digital learning media is practical, efficient, and teachers can also assess student achievement quickly and in real-time. The teacher can assess student activity or even learning outcomes through digital teaching media learning. Digital teaching media can also be used with media blogs such as Google Scholar, Garuda Digital, which can access several trusted referral sources.

Digital teaching media really helps teacher to communicate with students especially during Covid 19.

However, after schools were allowed to carry out face-to-face learning, unfortunately, teacher had returned to the old pattern of teaching using conventional methods and media. They consider the lack of digital teaching media to be the lack of interaction between teachers and students in direct learning activities, which hinders the learning process. Lack of teachers' understanding in using digital media that teachers cannot control student learning outcomes, and students are lacking in getting internet facilities at school.

In using digital media both teachers and students are involved. Motivation, teachers' background in utilizing digital media, and creations in making digital media are needed. For this reason, skills improvement in the form of training is necessary so that teachers are able to increase their competence in preparing up-to-date learning media.

It can be concluded that, information and communication technology has been become a need to enhance creativity and academic performance in a range of areas. It is a requirement for teaching and learning process for Junior High School students both outside and within the classroom.

1.2 Formulation of the Problems

Based on the background stated, the researcher identifies several statements that deal with the problems those are:

1. The teachers do not apply existing communication technology in learning media
2. The lack information and skill about models or kinds of digital media in teaching
3. The teaching materials and delivery that have been provided still monotonous, but students need them in interesting ones. They also need those to make up their passion of learning.
4. Time limitation in the class affects students need media that can build up their learning mastery out of the class.

1.3 Research Questions

Refers to the formulation above, the researcher limits the question are as follows:

1. What are the needs regarding to the development of students' worksheet using Flip Book app-based reading comprehension for Junior High School students?
2. How the development of students' worksheet using Flip Book app-based reading comprehension for Junior High School students?
3. How is the result of evaluation on developing students' worksheet Flip Book app-based reading comprehension for Junior High School student?

1.4 Objective of the Study

In this research, the objectives that the researcher suggests are:

1. To analyze the needs regarding to the development of students' worksheet with flip book app-based reading comprehension for Junior High School students.
2. To know the development of students' worksheet with flip book app-based reading comprehension for Junior High School students.
3. To find out the result of the evaluation on developing of students' worksheet with flip book app-based reading comprehension for Junior High School students.

1.5 Limitation of the Study

This research only focuses on how to develop e-module students' worksheet Flip PDF Corporate Edition-based on report text in the 9th grade students. It is specifically for 30 students were selected in SMP Negeri 2 Petarukan. The researcher decides it for the reason of limitation of time and cost of study.

1.6 Contribution of the Study

The contribution that the researcher proposes are:

1. For the students

The result of this study is a form of e-module as students' worksheet and expected to be used as learning media and support the learning process.

2. For the teachers

It is expected to be a variety of digital learning media that can improve student learning outcomes.

3. For the school

The researcher hopes schools to provide digital learning media to improve students' learning outcomes.

1.7 Definition of Terms

1. Multimedia Flip Book

Globally, digital skills have expanded rapidly, and flipped instruction has become a cutting-edge strategy for higher education institutions (Sarala:2012). The flip book is a collection of integrated images designed to be flipped over to create the illusion of movement and generate an animated sequence from a small book without the need of equipment. A flip book is a collection of flashcards that are glued in the form of a ladder. The accessibility and portability of multimedia-based books, as well as their attractive appearance, are distinct advantages and distinctive draws for students.

Samat and Aziz (2020) further define Flipbook is electronic like an e-book, except it can be opened one page at a time. The flipbook is more dynamic and engaging, and may contain photos, animation, music, and video, among other things. Books in PDF form that combine text, image, audio, video, and animation to depict interactive simulations are considered to be multimedia books that can help physics learning. So that learning may be more engaging and enjoyable.

2. Flip PDF Corporate Edition

Flip PDF Corporate Edition is a robust flip book creator with page editing capabilities. With Flip PDF Professional, you can create engaging page-turning books for iPad, iPhone, Android devices, and desktop displays (<https://www.flipbuilder.com/flip-pdf-pro-for-windows>, viewed

on 2nd January 2023). On another hand, Flip PDF Corporate Edition is a robust flip book creator with page editing capabilities. With Flip PDF Corporate Edition, you can create captivating page-turning books that display flawlessly on iPad, iPhone, Android, and desktop computers. Start with hundreds of beautiful pre-designed templates, fully customize your digital brochure or catalog with interactive effects by adding multimedia such as YouTube videos, images, hyperlinks, and Flash in a simple drag-and-drop interface, and make outstanding flipbooks effortlessly.

3. Students' Worksheet (LKPD)

Students' worksheet (LKPD or LKS) is a collection of sheets containing student activities that allow students to carry out real activities with the objects and problems being studied. It functions as a study guide for students and also makes it easier for students and teachers to carry out teaching and learning activities.

4. Reading Comprehension

Reading comprehension is a multidimensional process in which the reader converts textual information into a mental representation. Kintsch in Jacobson (2022) said that the construction-integration model is one of the most complete reading comprehension models, accounting for the complexities of the metacognitive processes involved in reading, from word identification through text comprehension. The model, known as textbase, replaces the actual wording of the text with concepts or propositions drawn directly from the text. Following that, readers build a situation model in which the text's information is combined with their past knowledge.

1.8 Organization of the Study

There are five chapters in the current study. The background of why the researcher attracted is explained in the first chapter. This includes the background of the study in which researcher set according to what demands stand out the application, how he explains the steps of production the students' worksheet, and how effective the application as research questions. He also

brings the objective of the research and brief terms of definition used, limitation and study contribution.

For second chapter he proposes the fundamental theories that support the research. Reading comprehension as skill taught, TPACK for the model, and PBL PjBL as approach, and students' worksheet described in chapter II. The other theories he explains about teaching media, e-module, and ADDIE in developing digital students' worksheet. At the end of this chapter, he describes about the previous research that study same research model.

In the third chapter the researcher chapter referrers to the methodology of this research. It explains how the researcher set the time and research location, collected, and analyze the data.

The fourth chapter elaborates the findings and the discussions of this study. It explains how the researcher answers the three research questions as well.

In the last chapter covers the conclusion and suggestions of this study. From the results of the research, conclusions and suggestions are obtained which researchers hope will be useful for others.