

CHAPTER I

INTRODUCTION

1.1 Background of Study

Technology is limitless in today's world. With the help of technology, everything is advancing at a quick pace. The world has begun to take steps to evolve and transform into a digital environment. The term "digital world" refers to the employment of technology in all aspects of life in this world. This is also known as digitalization. Digitalization can be defined as a media process that converts printed, audio, and video forms to digital forms. The field of education has seen significant changes in recent years as a result of technological breakthroughs in the digitalization era. As a result of education services that have changed dramatically, both in the learning system and in culture, the topic of digitalization of education has attracted considerable public attention.

Online learning system can be implemented using applications on electronic devices. Online learning is used in all areas of education, including schools and colleges around the world. Previously, learning was done in the traditional manner, with students interacting with teachers in class; now, this has changed to Pembelajaran Jarak Jauh (PJJ). Because technology is used in all learning processes, this shift in learning methodologies is known as digitalization. Starting with the digital teaching materials, the learning process, and even the evaluation and attendance processes, all rely on digital technology. In the field of education, the process of digitization is commonly refers to E-learning, digital learning,

virtual learning, or technology-enhanced learning. Google Meet and Google Classroom are two examples of platforms used at PJJ. Google Meet is utilized in the learning process as a virtual class. Meanwhile, Google Classroom is used by teachers to share content, create lessons, worksheets, and assign homework.

On the one hand, students' worksheet is printed teaching material in the form of sheets of paper containing material, summaries, and instructions for implementing learning that must be done by students, which refers to the achievement of a basic competency. Based on Nasution (2023) digital is a file format in the form of text and image that is realized using a computer device. Based on the explanation above, it can be concluded that digital worksheets are transformation of printed students' worksheet into digital worksheets or electronic worksheets that are realized using computer devices.

Many teachers choose to use Lembar Kerja Siswa (LKS) manual in class, but here the researcher made initial observations to students regarding student scores in using digital worksheets (Quizizz) compared to manual worksheets. The researcher observed 31 students by providing worksheets regarding descriptive text which were manual worksheets and also digital worksheets, and researcher found that the average student score was 45 when working on manual worksheets. Meanwhile the average student score increased to 75 when working on the digital worksheet. In addition, Researcher also conducted interviews with student respond regarding the use of worksheets showing that 100% of students liked the use of digital worksheets (Quizizz). Students think that the use of digital worksheets (Quizizz) is very fun, makes students interested in doing quizzes, and

competes to get high rankings in doing the quizzes. the researcher also conducted interviews with teachers and found that teachers agreed that using digital worksheets in class could increase students' interest in learning besides that the use of digital worksheets also supports the current digital era.

From the preliminary data took the researcher was interested in conducting research. Based on the analysis of students' needs, it was found that students' interest in digital worksheets was seen from the results of the average student scores being higher on digital worksheets compared to manual worksheets. Besides this, the digital era is a reason that can support this research, based on learning demands many changes that are increasingly dependent on technology. In recent years, it can be seen that there have been many adaptations made by the world of education to technology and the era of abundance. This trend can be seen in full online learning, mixed face-to-face and online learning, open learning, and Massive Open Online Courses (MOOCs) (Rachmah, 2019). This has made the basis for Researcher in developing digital worksheets through quizizz.

Nasution (2020) conducted study about developing digital worksheet using wizer.me for teaching listening skill to the tenth grade students in SMK Negeri 7 Medan. The aim of this study was to find out the students' need in order to develop the appropriate listening students' digital worksheet for the tenth grade students of SMK Negeri 7 Medan. The result of this study is students of hospitality major need digital-based students' worksheet that preferred by the students. And listening materials which are suitable with their major where the contents used in the course book are relevant and useful in the work situation.

There are three units that developed in listening students' digital worksheet for grade tenth students of hospitality major, they are Complimenting Others, Congratulations for You and Showing Care.

Suci Ayu Lestari (2021) conducted study about developing English speaking worksheets of descriptive text based on scientific approach for students of marketing program at SMK Negeri 1 Medan. The aim of this study was to develop English speaking worksheet of descriptive text based on scientific approach for students of marketing program. The subject of the study was grade tenth students of SMK Negeri 1 Medan. The data were gathered by interviewing the English teacher, observing handbook, syllabus and the teaching and learning process and distributing questionnaires to 33 respondents to get the students' needs. The results of gathering the data prove that the student needs English speaking worksheet which can motivate and encourage the students to speak actively in English. The result of the product was a marketing speaking worksheet based on six stages in scientific approach. The score of validation from the validator was 95,3% and it was categorized as very good or relevant.

Therefore, researcher had been developed live interactive worksheet of descriptive text through Quizizz. Whereas here the researcher make worksheets according to the students' needs, complement the deficiencies found in the worksheets based on the results of the comparisons that have been made by the Researcher at the beginning, and also apply technology to students' learning so that learning runs more effectively, using Quizizz can also attract students' interest

in worksheets because the Quizizz application is a learning platform that offers multiple tools to make a classroom fun, interactive, and engaging. As a teacher, it can be useful for create lessons, conduct formative assessments, assign homework, and have other interactions with your students (for all grades) in a captivating way. Meanwhile In reality, teachers at SMA Swasta Imelda Medan have not implemented the Live Interactive English Worksheet with Quizizz. teachers only use LKPD (Lembar Kerja Peserta Didik) or manual worksheets and Google Form.

1.2 The Problem of the study

Based on the background, the researcher formulated problem of this study as “How are Live Interactive English Worksheets of descriptive text with Quizizz developed for students grade 10th of SMA Swasta Imelda Medan ?”

1.3 The Objective of the Study

To develop Live Interactive English Worksheets for teaching descriptive text with Quizizz at 10th grade students of SMA Swasta Imelda Medan

1.4 Scope of the Study

The scope of this study, the researcher would limit this study only focuses on the developing Live Interactive English Worksheets for teaching descriptive text with Quizizz at 10th grade students of SMA Swasta Imelda Medan. This English worksheets will be developed based on the students' needs and also based on the K13 syllabus used in the student book of SMA Swasta Imelda Medan in odd semesters of 10 th grade.

1.5 Significances of the Study

The findings of this study is expected to provide some contribution and information to general and educational term.

1. Theoretically, the findings of this study are expected to increase knowledge and serve as a reference that can be used by teachers, or further Researcher in using the online media "Quizizz" to create Live Interactive English Worksheets. And it is hoped that it can also contribute in education.
2. Practically, this findings are useful for:
 - a) For Teacher : The results of this study are expected to be useful for teachers at SMA Swasta Imelda Medan. This research can be used as an additional reference for teachers in applying English worksheets for teaching descriptive text through Quizizz at 10th grade students in SMA Swasta Imelda Medan.
 - b) For students : This research is expected to be useful for students so that students can improving their understanding in descriptive text
 - c) For the next researcher : The researcher hopes that the results of this study can contribute to future research and provide an overview for future Researcher who will conduct research in developing worksheet.