

CHAPTER II

LITERATURE REVIEW

2.1 Theoretical Framework

2.1.1 Definition of Vocabulary

Vocabulary is a collection of words known and used by individuals in a language. According to Nation (2020), vocabulary includes not only words that are spoken or written, but also words that are understood when listening or reading. Vocabulary can be divided into several categories, including active vocabulary, which is used directly in communication, and passive vocabulary, which is recognized but not actively used. A good understanding of vocabulary is essential in the language learning process, as a rich vocabulary allows individuals to express their ideas and feelings more precisely and effectively.

Schmitt (2021) emphasizes that vocabulary acquisition contributes to better reading and writing skills. In an educational context, effective vocabulary instruction can improve students' overall language skills. Research shows that students who have a broader vocabulary tend to have better academic performance, as they can understand and analyze texts more deeply.

It can be concluded that vocabulary is a fundamental element in language learning that affects communication skills and text comprehension. Good vocabulary mastery not only supports speaking and writing skills, but also contributes to students' academic success.

2.1.2 Function of Vocabulary

According to Azizah (2020), vocabulary mastery plays a crucial role in students' ability to express opinions and convey ideas effectively. Here are some of the functions of vocabulary and their explanations:

a. Building Effective Communication

A rich vocabulary allows individuals to express thoughts and feelings more clearly. This is important in social interactions, both oral and written. According to Harmer (2021), the ability to use appropriate vocabulary can improve

the clarity of communication and reduce the likelihood of misunderstanding.

b. Improving Reading and Writing Skills

A good vocabulary contributes to better reading and writing skills. Students who have a broad vocabulary tend to be better able to understand complex texts and write better. Schmitt (2021) states that a strong vocabulary is the foundation for good literacy skills.

c. Facilitating Language Learning

Vocabulary is a key tool in language learning. According to Nation (2020), effective vocabulary teaching can help students in understanding the structure of language and the context in which words are used. It also helps in expanding overall language knowledge.

d. Improving Critical Thinking Skills

A broad vocabulary allows individuals to think more critically and analytically. By having a variety of words to describe ideas and concepts, one can explore and analyze information in greater depth. According to Kucera (2022), a rich vocabulary contributes to critical and creative thinking skills.

e. Supports Social and Emotional Development

Vocabulary also plays a role in an individual's social and emotional development. By having a good vocabulary, one can express emotions and build better relationships with others. According to Rahayu (2023), the ability to express feelings with words can improve social interaction and empathy.

Vocabulary serves a variety of very important functions in language acquisition and communication. From establishing effective communication to supporting social and emotional development, a good command of vocabulary is key to success in various aspects of life. Therefore, it is important for

educators and parents to pay special attention to learners' vocabulary development.

2.1.3. Types of Vocabulary

There are several types of vocabulary including :

a. Active Vocabulary

Active vocabulary is words that are frequently used in speaking and writing (Nation, 2020). Active vocabulary is an important part of a person's language skills, reflecting words that can be used directly in daily communication. Expanding active vocabulary is key to improving speaking and writing skills in the language being learned.

Example :

Table 1.1

English	Indonesia	Description
to eat	makan	<i>Used in everyday contexts to express the act of consuming food.</i>
to visit	berkunjung	<i>Used to express the action of going somewhere to see or meet someone.</i>
to learn	belajar	<i>Used to express the process of acquiring new knowledge or skills.</i>

b. Passive Vocabulary

Passive vocabulary is words that are recognized and understood when listening or reading, but not actively used in speaking or writing (Schmitt, 2020). Passive vocabulary is an important part of the language learning process, reflecting words that are recognized and understood but not used directly in communication. Understanding passive vocabulary is an important first step in developing language skills, and can help individuals to expand their active vocabulary.

Example :

Table 1.2

English	Indonesia	Description
complexity	kompleksitas	<i>While one may understand the meaning of this word when reading or hearing, they may not use it often in everyday conversation.</i>
innovation	inovasi	<i>This word often appears in business or technology contexts, but may not be actively used by everyone.</i>
independence	kemandirian	<i>One may recognize this word when reading an article or hearing a talk, but not always use it in conversation.</i>

c. Common Vocabulary

General vocabulary includes words that are used in a variety of contexts and situations (McCarthy & O'Dell, 2019). General vocabulary is an important part of language acquisition, which includes words that can be used in various contexts and situations. Having a broad general vocabulary allows individuals to communicate more effectively and adapt to various social and professional situations. Therefore, general vocabulary development should be a focus in language learning.

Example :

Table 1.3

English	Indonesia	Description
House	rumah	<i>Used to refer to a place of residence.</i>
school	sekolah	<i>Refers to educational institutions.</i>
Teman	friend	<i>Used to refer to people who have a close relationship.</i>

d. Specialized Vocabulary

Specialized vocabulary consists of technical terms or jargon used in a specific field, such as science, technology, or a particular profession (Hyland, 2021). Specialized vocabulary is an essential component of communication in a particular field, which includes technical terms and jargon that have specific meanings. Understanding specialized vocabulary enables individuals to interact effectively in professional and academic contexts, as well as contribute to discussions and research in their field. Therefore, mastery of specialized vocabulary should be a focus in education and training across various disciplines.

Example :

Table 1.4

English	Indonesia	Description
DNA (Deoxyribonucleic Acid)	DNA (Asam Deoksiribonu kleat)	<i>Molecules that store genetic information in cells.</i>
Algorithm	algoritma	<i>A series of steps or procedures used to solve a problem or perform a calculation.</i>
Ecosystem	ekosistem	<i>Communities of organisms that</i>

*interact with their
physical environment.*

e. Listening Vocabulary

Listening vocabulary is the words needed to understand spoken language (Vandergrift & Goh, 2021). Listening vocabulary is an important component of the language learning process, which includes the words needed to understand spoken language. Having a strong listening vocabulary allows individuals to better interact in social and academic situations, and supports their ability to learn and understand new information.

Example :

Table 1.5

English	Indonesia	Description
good morning	selamat pagi	<i>Used as a morning greeting.</i>
Terimakasih	thank you	<i>Used to express gratitude.</i>
Please	tolong	<i>Used to politely ask for something.</i>

f. Reading Vocabulary

Reading vocabulary is the words that are recognized and understood when reading a text (Grabe & Stoller, 2020). Reading vocabulary is an important component in the language learning process, which includes words that are recognized and understood while reading. Having a strong reading vocabulary enables individuals to better comprehend and analyze texts and supports their ability to learn and acquire new information.

Example :

Table 1.6

English	Indonesia	Description
Analysis	Analisis	<i>The process of examining something closely to understand its components or structure.</i>
concept	Konsep	<i>Ideas or thoughts that underlie a theory or phenomenon.</i>
perspective	Perspektif	<i>A point of view or way of looking at something.</i>

Based on the above statement, mastering various types of vocabulary-including active, passive, general, specialized, listening, and reading vocabulary is an important element in the language learning process. Active vocabulary reflects words used in everyday communication, while passive vocabulary includes words that are recognized and understood but not used directly. General vocabulary allows individuals to adapt in a variety of contexts, while specialized vocabulary is important for communication within a specific field. In addition, listening and reading vocabulary support comprehension in oral communication and written texts. Therefore, the development of all these types of vocabulary should be a focus in language learning to improve overall communication and comprehension skills.

2.1.4 limitation of Vocabulary

In this study there are limitations that need to be considered where this research only aims at results where researchers only observe the learning process of students in learning vocabulary

material about descriptive text and has three aspects of assessment including:

1) Spelling

Spelling is the way words are written in a particular language according to the rules that apply. In the context of English language learning, correct spelling is essential to ensure that the message can be clearly understood by the reader. The aspect of spelling assessment in research related to students and descriptive text vocabulary learning is very important to note. Correct spelling not only reflects students' vocabulary skills, but also affects comprehension and effective communication.

2) Meaning

Meaning is the concept or idea contained in a word or phrase. In vocabulary learning, understanding meaning is very important so that students can use the words appropriately in the appropriate context. Meaning in vocabulary learning is a very important aspect for students to understand. A good understanding of vocabulary meaning not only supports students' language skills, but also contributes to their success in learning and communicating.

3) Pronunciation

The assessment aspect of pronunciation in the research of students learning comprehension of descriptive text includes students' ability to pronounce words correctly and clearly. This assessment is important to ensure students not only understand comprehension, but can also use it effectively in oral communication.

2.1.5 Wordwall Application

a. Defenition

Wordwall app was created by Visual Education LTD, a UK-based company.



They developed Wordwall as an interactive learning platform that provides different types of activities and quizzes for teachers and students.

Wordwall is an interactive application that allows teachers to create different types of games and interesting learning activities, so that students can learn in a fun way (Sari, 2022). This app not only helps students in understanding new concepts, but also increases their motivation to learn. With features that allow teachers to create engaging content, Wordwall becomes an effective tool in creating a dynamic learning environment. In addition, research by Rahmawati (2021) emphasizes that the use of technology in education, such as Wordwall, can improve student learning outcomes in a more interactive and fun way. Thus, Wordwall plays an important role in supporting a more effective and efficient learning process, especially in today's digital era.

It can be concluded that Wordwall application is a very effective tool in supporting the learning process. With its ability to help students understand new concepts and increase learning motivation, Wordwall creates a dynamic and engaging learning environment. In addition, the use of this technology is proven to improve student learning outcomes through an interactive and fun approach. Therefore, Wordwall plays an important role in creating a more effective and efficient learning experience, especially in today's digital era.

b. Function

Wordwall application functions as an interactive learning media that increases student engagement through various types of educational games. According to Andari, Qurniawan, & Samsudin (2024), Wordwall transforms learning to be more interesting and interactive, which has a positive impact on student learning outcomes. By providing various templates such as quizzes, word searches, and matchmaking games, this app allows teachers to

create a fun and varied learning experience. This is in line with Lesatari's (2021) opinion that Wordwall serves as a fun learning resource, as well as an effective assessment tool, so that students are more motivated to learn.

Wordwall also supports distance learning by providing easy access for students to participate in online learning activities. With features that allow teachers to download and print activities, the app provides flexibility in teaching methods. Research shows that using Wordwall can improve students' learning outcomes, as they are more actively involved in the learning process (Hypothesis, 2023). Thus, Wordwall not only serves as a learning tool, but also as a means to improve interaction and collaboration between teachers and students.

based on explanations from experts that this wordwall application functions as an interactive learning media that is effective in increasing student engagement through various types of educational games. By providing various templates such as quizzes and word search games, Wordwall creates a fun and varied learning experience, which has a positive impact on students' learning outcomes. In addition, the app also supports distance learning by providing easy access for students to participate in online learning activities, as well as offering flexibility for teachers in teaching methods. Research shows that the use of Wordwall can improve student learning outcomes by encouraging active engagement in the learning process, thus making it a valuable tool to improve interaction and collaboration between teachers and students.

c. Advantage

As for the advantages of using the wordwall application including:

1) Interactivity in Learning

According to Andari, Qurniawan, & Samsudin (2024), the Wordwall application provides significant benefits by

transforming learning to be more interactive. This not only increases student engagement, but also contributes to better learning outcomes. The interaction offered by this app allows students to actively participate in the learning process, which in turn can improve their understanding of the material being taught.

2) Effectiveness in Improving Comprehension

Research by Ayu Andini (2023) showed that the use of Wordwall proved to be more effective in improving student understanding compared to conventional learning methods. This application provides an interesting new approach, so students are more motivated to learn and more easily understand the concepts taught. With interactive features, students can learn in a more fun way.

3) Accessibility and Flexibility

Lestari (2022) emphasizes that Wordwall can be accessed easily through various digital devices. This makes it easy for students to learn anytime and anywhere, which is very important in the modern learning context. This accessibility not only increases students' learning motivation, but also allows them to learn independently and adjust learning time to their needs.

Based on the opinions from expertst, it can be concluded that the use of Wordwall app in learning has significant advantages. First, it increases student interactivity and engagement, which contributes to better learning outcomes. Second, Wordwall is proven to be effective in improving students' comprehension compared to traditional methods. Third, the accessibility and flexibility offered by this app allow students to learn in a way that is more convenient and suits their needs.

d. Disadvantages

The use of Wordwall apps in learning has some drawbacks identified by researchers:

1) Dependence on Internet Connection

According to Pramudito and Sari (2023), one of the main drawbacks of the Wordwall application is the dependence on a stable internet connection. This application requires internet access to function properly, so it can be an obstacle for students who do not have adequate internet access. This can hinder the learning process, especially in areas that have poor internet infrastructure.

2) Difficulty in Use

Hidayah (2022) points out that although Wordwall offers various types of engaging activities, some students may have difficulty in understanding how to use the app. Especially for students who are unfamiliar with technology, this can result in frustration and reduce learning effectiveness. This lack of understanding can hinder students in utilizing the features within the app.

3) Lack of Training for Teachers

Lestari (2021) emphasized that although Wordwall provides many useful features, some teachers may not fully utilize the potential of this app due to a lack of training or understanding on how to integrate it into the curriculum effectively. Without adequate training, teachers may not be able to maximize the use of this app in the learning process, which may reduce its positive impact.

Based on explanation above, it can be concluded that the use of Wordwall application in learning has some drawbacks that need to be considered. First, the dependence on internet connection can be an obstacle for students who do not have adequate access. Second, some students may have

difficulty in understanding how to use the app, which may hinder the learning process. Third, the lack of training for teachers in optimally utilizing the app may reduce the effectiveness of its use in the curriculum. Therefore, it is important to address these shortcomings so that the Wordwall app can be maximally utilized in the learning process.

e. Procedures of Using Wordwall Application

Hattie and Timperley (2007) explain that effective feedback is essential in the learning process. Wordwall provides immediate feedback to students through game and quiz results. Based on research by Gee (2003), game-based learning can increase student motivation and engagement. Wordwall offers various types of educational games that can be used to teach vocabulary.

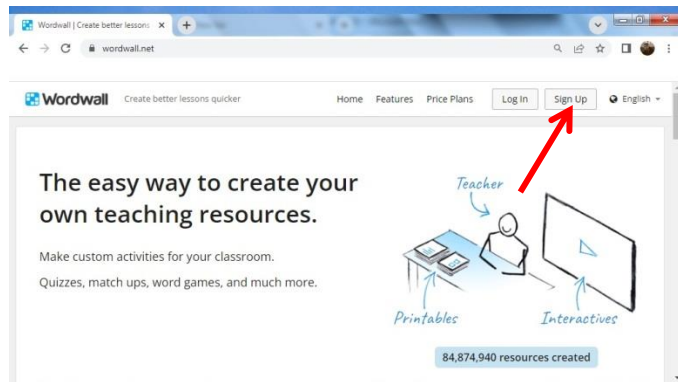
Here is the procedure for using the Wordwall app:

1) Initial Preparation

- a) Devices: Set up a device that can be used to access Wordwall, such as a computer, laptop, tablet or smartphone
- b) Internet Access: Make sure you have a stable internet connection.

2) Create an Account on Wordwall

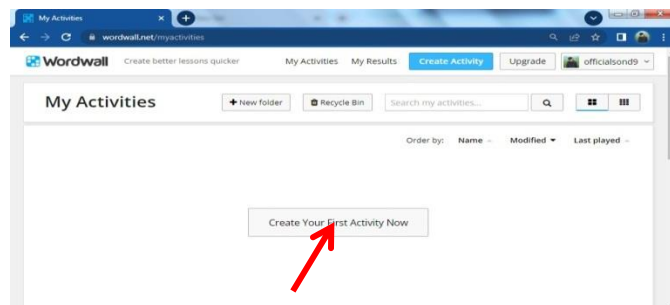
- a) Visit the Website: Open a browser and visit Wordwall.net.
- b) Sign Up: Click on the “Sign Up” button to create a new account. You can sign up using your email or Google account.
- c) Account Verification: If required, verify your account via email.



Picture 1.1

3) Creating a Vocabulary Activity

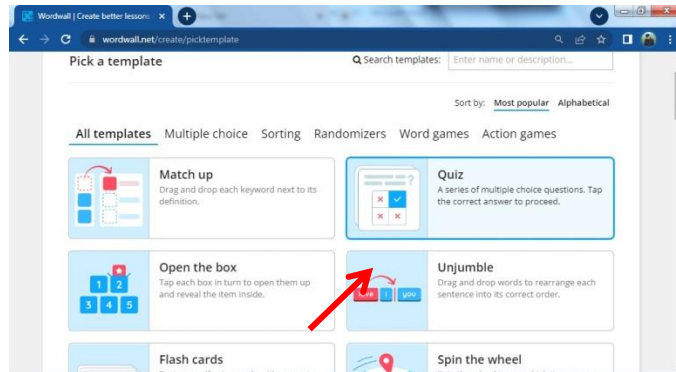
- a) Login to Account: After signing up, log in to your Wordwall account.
- b) Select Activity Type: Click on the “Create Activity” button and select the type of activity you want to create. Some popular choices for vocabulary are:
 - a. Matching Pairs: Matching words with definitions or pictures.
 - b. Word Search: Searching for words in a puzzle.
 - c. Quiz: Creating multiple choice quizzes.



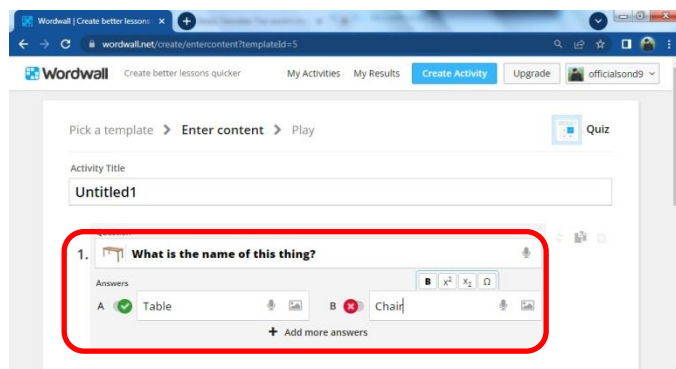
Picture 1.2

c) Enter Vocabulary:

- a. Example: If you choose “Quizz”, enter the vocabulary or question in one column and the definition or image in the other.

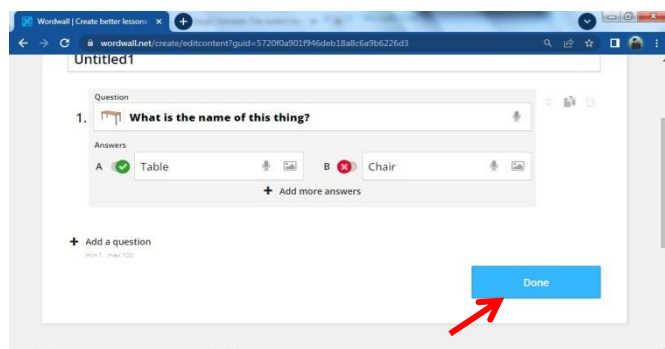


Picture 1.3

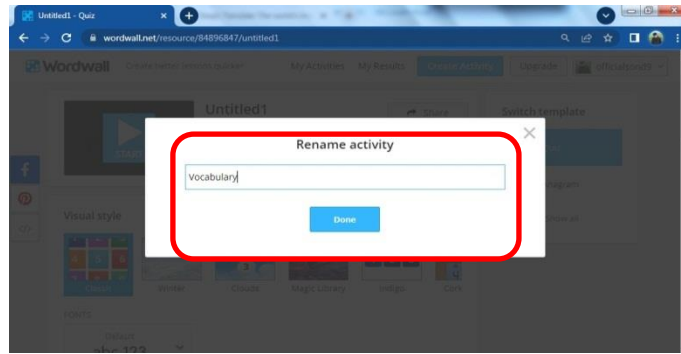


Picture 1.4

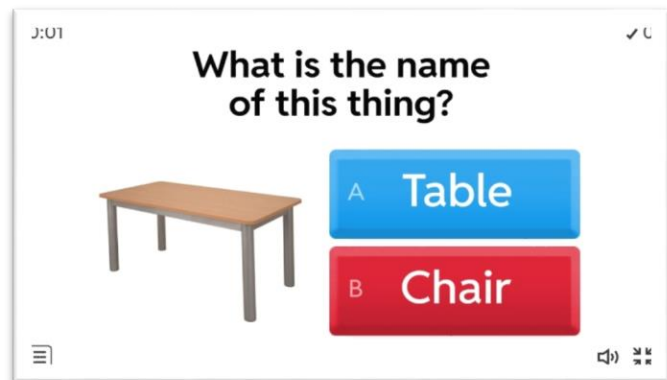
- b. Save Activity: When you're done, name the activity and save it.



Picture 1.5



Picture 1.6



Picture 1.7 Results

d. Evaluation and Feedback

1) Test Comprehension

Use the quiz feature in Wordwall to test students' understanding of the vocabulary that has been taught.

2) Provide Feedback:

Discuss the quiz results with students. Give positive feedback and suggestions for improvement.

The use of Wordwall app in increase students' vocabulary through different types of interactive activities offered, such as quizzes, matching games, and puzzles, students can learn in a fun and engaging way. With different types of games and quizzes, students can learn in different ways, which helps accommodate various learning styles. Wordwall provides immediate feedback to students, allowing them to know their understanding of the vocabulary being taught and correct mistakes quickly.

2.2 Procedures of Using Wordwall Application in Increase Students' Vocabulary Mastery

Wordwall app is an app that allows teachers to create interactive learning activities, such as quizzes, games and vocabulary exercises. Harris (2019) states the use of interactive apps such as Wordwall can increase student engagement and facilitate more active learning. The app is designed to support various learning styles and provide immediate feedback to students.

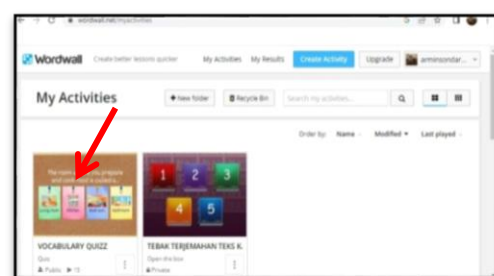
As for the steps of using the wordwall application in vocabulary learning, namely doing quiz questions:

- 1) the first thing is to open the wordwall app on the website that has been listed then login.
- 2) Then enter the front page of the wordwall app
- 3) If you have created a test project in the wordwall app select *My Activities*



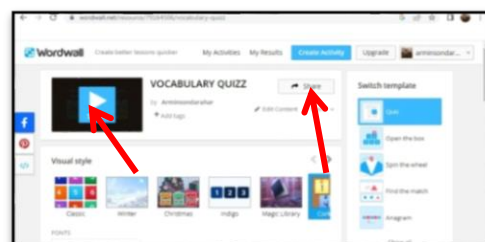
(Stage 1)

- 4) Select the project you have created



(Stage 2)

- 5) Select *Start* to start the activity or select *Share* to share it with someone.



(Stage 3)

- 6) Learning activities in the wordwall app are carried out



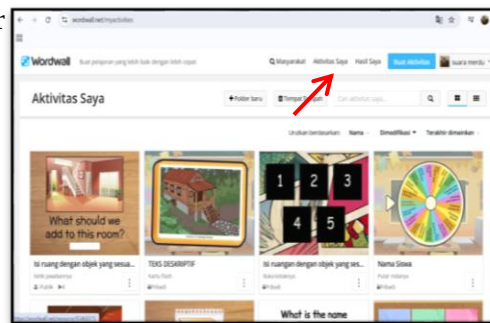
(Stage 4)

2.3 Procedures of Using Wordwall Application in Learning

The following is an explanation of the procedure for using the Wordwall application in learning and can be seen from the link:

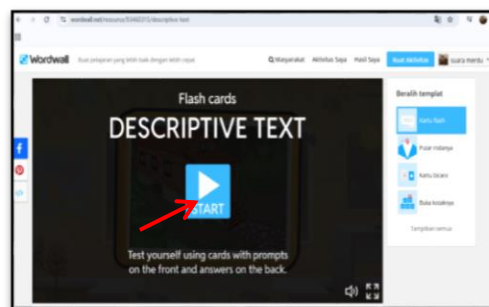
https://youtu.be/IO_Z7C2qyd0?si=_CaULCxeVnFx_GZU

- 1) Open the wordwall app using your registered account. Choose My Activities menu



(Stage 1)

- 2) Select the activity or material to be delivered in the lesson. wait a while



(Stage 2)

- 3) Click start. Wordwall app learning is ready to use



(Stage 3)

2.4 Relevant research

In the research Tira Nur Fitria's (2023) entitled “Creating an Education Game Using Wordwall: An Interactive Learning Media for English Language Teaching (ELT)” Wordwall is an interesting application in the browser. It specifically aims to be a fun learning resource, media and assessment tool for students. The Wordwall page also provides examples of teacher creations for new users to get an idea of what their creations will look like.

Wordwall educational game can be defined as a web application that we use to create fun quiz-based games.

This study has a connection with the research that will be conducted “Increasing the Students' Vocabulary Mastery Through WordWall Application at Seventh Grade at UPTD SMP Negeri 2 Gunungsitoli Alo'oa”. Both highlight the use of Wordwall application as an innovative learning tool in the context of English language teaching. While Tira Nur Fitria's research focuses more on the aspect of creating an educational game and how this application can be used to create an interactive learning experience, your research focuses on increase students' vocabulary mastery through the application. Thus, the results of this study can provide a deeper insight into the effectiveness of Wordwall as a learning medium in English language teaching, as well as highlight the importance of innovation in teaching methods to achieve better learning outcomes.

In the research of N.K.T.A. Swari (2023) entitled “Wordwall as a Learning Media to Increase Students' Reading Interest” Wordwall platform can be used to increase students' reading interest by selecting appropriate learning activities for students. This medium or game can track students' progress and proficiency. As a result, students benefit from this app. Students will have more fun learning online if they use this app. Teachers also find it easier to check students' work, and they don't need to check it one by one. This platform can be one of the learning innovations that can help teachers in creating fun learning for students.

This research is related to the research to be conducted “Increasing the Students' Vocabulary Mastery Through WordWall Application at Seventh Grade at UPTD SMP Negeri 2 Gunungsitoli Alo'oa”. Both highlight the use of Wordwall application as an innovative and interactive learning tool. While Swari's research

focuses on improving students' reading interest, your research is more specific on improving students' vocabulary mastery.

This study shows that Wordwall can serve as an effective tool in increasing student engagement in the learning process. Your research can strengthen Swari's findings by providing empirical evidence that the use of Wordwall not only increases reading interest, but also contributes to students' vocabulary acquisition. Thus, the results of these two studies confirm the importance of innovation in teaching methods, and show that Wordwall can be a multifunctional medium in supporting various aspects of English language learning, both in terms of reading and vocabulary acquisition.

2.5 Conceptual Framework

Rocco and Plakhotnik (2019), state that the conceptual framework provides a strong theoretical basis for research and helps researchers understand the context in which the research is conducted. Conceptual Framework is a structure used to define and explain the relationship between variables in a study. It serves as a guide for research, assisting researchers in formulating hypotheses, collecting data, and analyzing results.

In the context of the research “Increasing Students' Vocabulary Mastery Through Wordwall Application in Class VII UPTD SMP Negeri 2 Gunungsitoli Alo'o”, the conceptual framework serves to explain how the use of Wordwall application can affect students' vocabulary mastery. The following are the main elements of the conceptual framework:

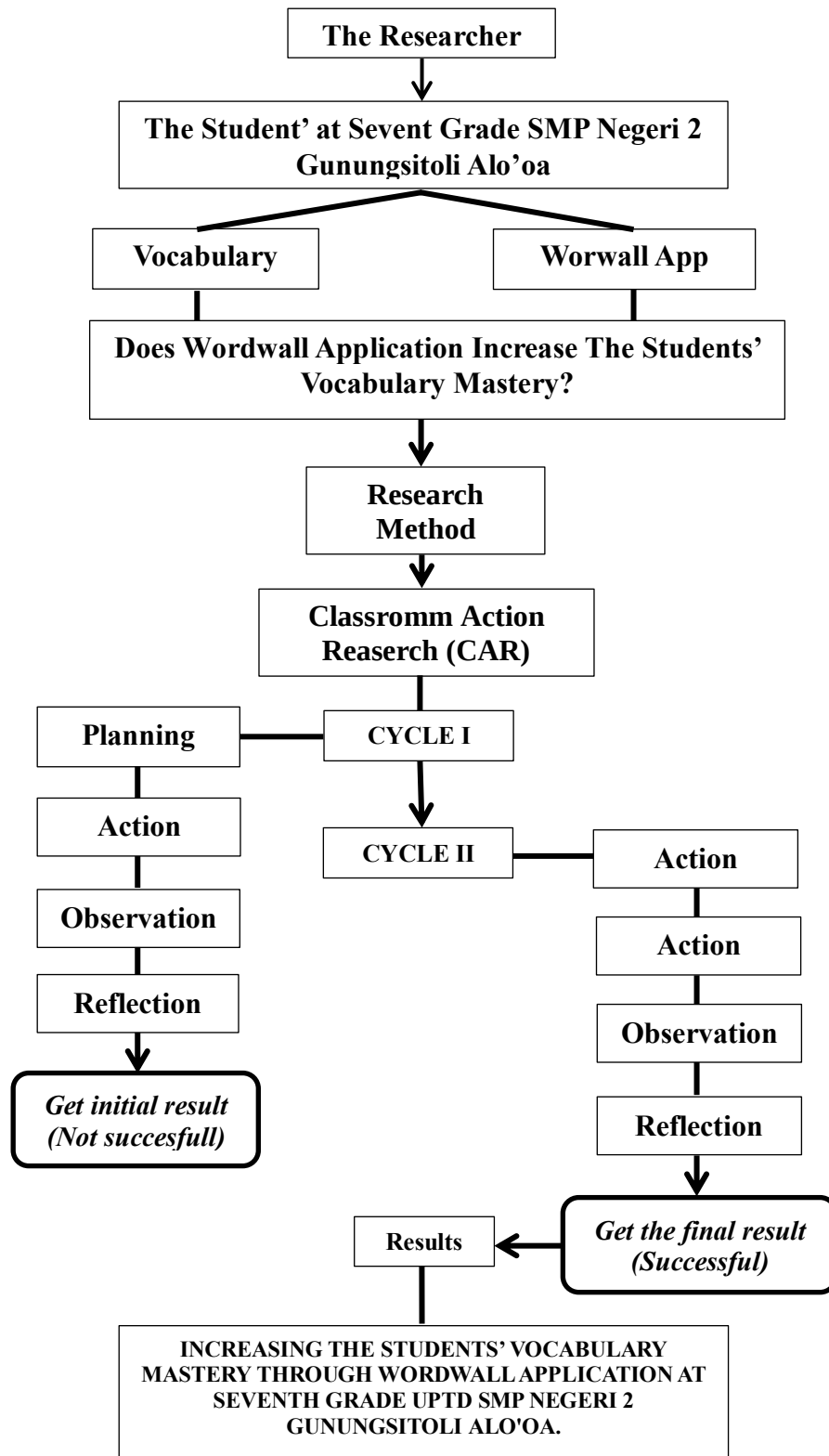


Figure 2.2 Conceptual Framwork