

# Information Technology used by Millennial Good English Language Learners in an Indonesian University to Improve their English Skills

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**Abstract**—This is a part of research findings entitled Language Strategies used by Good Language Learners in Millennial Era: A Positive Case Study in an Indonesian university. The research was conducted in 2020. Research participants were selected based on their academic achievements. The participants include 40 students of English Department of an Indonesian university who have 20% the best academic achievements. An interesting finding deals with the information technology (IT) media used by the research participants. The findings reveal that some information technologies were useful to improve their English Skills. The findings were specified based on the four types of English Skills: Listening, Speaking, Reading, and Writing skills. For improving their Listening Skill the media used by research participants cover 14 types: YouTube; Spotify; JOOX; Netflix movies; Website TED; Listening section TOEFL; Social media; Podcast; Libri Vox; Voice feature in Google Translate; Tiktok; Zenius; Spoon; Cake; and Yolkradio. For Speaking Skills, they used 15 types of media covering YouTube; Peer; Mirror; Social media; Video/film; Songs; Hand phone, Audio Recording, Dictionary, Aplikasi Discord; TV; FGD; Voice Feature; Game; and Duolingu. For Reading skill, they used 14 types of media consisting of Novel/literary work; Books; Social media; Artikel; Google; Webtoon; Newspaper; Wattpad; Reading Section TOEFL; Game; Libri Vox; Thoughtcatalog; 8freebook.s.net; and Yolkradio. For Writing skill, they used 14 types of media including Book, Social media, Microsoft word, Google, Hand phone, Grammarly, Duolingo, Dictionary; YouTube; Tiktok; Zenius; Spoon; Cake; and Yolkradio. Under the section of findings, the technologies used by the research participants are presented based on the proportion of the users. In addition, we describe the contents and the channels the good language learners used to improve their English skills. This information is beneficial for ELT teachers, learners, and further researchers.

**Keywords**-good language learner; millennial era; information technology media; listening; speaking; reading; writing

## I. INTRODUCTION

Studies of good language learners have been developed since 1975. An epistemological reason for studying the phenomena good language learners is that best practice can be generated a good theory. An article entitled “What can we learn from the good language learners?” written by [1] has inspired many researchers to conduct studies about good language learners.

Reference [2] herself has conducted at least two studies on successful foreign language learners. The first research aims to explore the characteristics of successful learners; while the second research tries to investigate more deeply about the learning strategies that affect the success of foreign language learning.

Then, in the second study, she was able to identify learning strategies that have a direct effect and learning strategies that have an indirect effect. Direct effects include guessing and thinking inductively; while the indirect effect is creating opportunities for practice.

Reference [3] conducted research on the characteristics of successful foreign language learning. The methods he uses are observation and use of intuition. As a result, Stern presents a list of learner characteristics that are thought to influence foreign language learning success. One of the main points contained in the list of characteristics is a positive learning strategy which includes: (a) active planning; (b) formal learning; (c) social learning; and (d) affective strategies.

Reference [4] conducted a research study to further explore the characteristics of successful foreign language learners. They used the interview method which was divided into two types: interviews about curriculum vitae and discussions about the strategies used by participants in various learning situations.

Reference [5] conducted a study to validate Rubin's findings. He examined the characteristics of successful language learners using the self-report survey method and found findings that were almost the same as [1] findings. However, he also found one characteristic item that contradicts [1] findings. This characteristic is that learners often feel inhibited from speaking for fear of making mistakes.

Another recent research work on successful foreign language learners is the work of [6]. With the aim of making a book that contains descriptions of the types of successful foreign language learners, he interviewed seven foreign language learners as research subjects. The data used is in the form of interviews about the learning experiences of these subjects.

From Indonesia, several researchers have also conducted research on good language learners. Reference [7] conducted an investigation into the English language learning process that occurred in three English lecturers who were attending the postgraduate program at IKIP Malang. Two of these subjects are good language learners who can be categorized as successful (good language learners). This successful investigation of the subject reveals a different story. Reference [8] conducted a case study with a single good language learner in senior high school. He finds out that motivation and language learning strategy are those factors affecting the subject's success in learning English as a foreign language. Finally, [9] issued a book containing 23 articles about good language learners.

We note that this theory was developed from 1975 to 1990, when the digital era had not developed as it is now. Entering the 2000s, the development of information technology (IT) media grew rapidly with the discovery of smart phones that had many functions. The era of the 2000s is known as the millennial era. Regarding the rapid changes from the millennial era, it is necessary to study the latest phenomena to develop theories that can be adapted by the millennial generation. Therefore, this research needs to be carried out with a focus as follows: "What kinds of information technology media that are used by millennial generation in achieving good achievements in learning English?"

The main research question is specified in 4 questions as follows:

1. What kind of IT media do millennial good language learners use to improve their Listening Skill?
2. What kind of IT media do millennial good language learners use to improve their Speaking Skill?
3. What kind of IT media do millennial good language learners use to improve their Reading Skill?
4. What kind of IT media do millennial good language learners use to improve their Writing Skill?

## II. LITERATURE REVIEW

Focusing on the language learning media, we review four current articles related to language learning media. The first is [10] conducted a study entitled the importance of media in foreign language learning. The study illustrates that media language is an important source to get information about the society and culture of target language. This can provide good opportunities for language teachers and learners and provides necessary input in language classes and enhances the linguistic and communicative competence of the learners.

According to Bell (1995) in [10], there are four practical and principled reasons for why media language has always attracted the attention of linguists, particularly applied linguists and sociolinguists. First, the media provide an easily accessible source of language data for research and teaching purpose. Second, the media are important linguistic institutions. Their output makes up a large proportion of the language that people hear and read every day. Media usage reflects and shapes both language use and attitudes in a speech community. Third, the ways in which the media use language are interesting linguistically in their own right.

The second is [11]. They conducted a study entitled Using Social Media as a Learning Media of Foreign Language Students in Higher Education and find out that the YouTube and Instagram are the most popular media used as the media of foreign language students in higher education.

The third is [12]. He argues technology has always been an important part of teaching and learning environment. It is an essential part of the teachers' profession through which they can use it to facilitate learners' learning. When we talk about technology in teaching and learning, the word 'integration' is used. With technology being part of our everyday lives, it is time to rethink the idea of integrating technology into the curriculum and aim to embed technology into teaching to support the learning process.

The fourth is [13] conducted a study entitled The Use of Social Media for English Language Learning: An Exploratory Study of EFL University Students. He finds out that students often use social media including Instagram, YouTube, and Facebook for English language learning. The social media which are mostly used by the students in learning English is Instagram. The university students use social media in learning English at Jambi University when they have spare time at home, or when the lecturer let them use it in the class, especially for the group discussion. The social media help the students to improve their English skills from the content of the social media that is more varied and this encourages students in English language learning using social media [14].

The fifth is [15]. She claims that learning strategies carried out by good millennial students in improving their language skills currently use electronic media or e-learning media. They take advantage of technological developments that exist today. E-learning can provide motivation and encourage students to learn language skills, listening, speaking, reading and writing English skills [16].

## III. RESEARCH METHOD

In order to answer the research questions, a descriptive research design was used. A descriptive research is designed to describe the existing phenomena. This descriptive research can be called by several names, depending on where the research is viewed. From the point of view of the nature under investigation, this research can be more specifically referred to as positive case study research. This is because through this research an in-depth investigation is carried out on a selected case. This designation is in line with Bogdan and Biklen's words which state: "A case study is a detailed examination on one setting, or one single subject, or one single depository documents, or one particular event." And [17] divides case studies into three types: positive case studies, neutral case studies, and negative case studies. A positive case study is the one using a positive case as the phenomena under observation. The epistemological basis for a positive case study is that "a good theory can be generated from the best practice". The studies of good English language learners,

effective EFL teachers, and effective EFL program management are those of positive case study. By referring to this definition, it is clear that research which attempts to investigate in depth successful cases of foreign language learning can be categorized as a type of positive case study research.

The research was focused on the information technology media used by good language learners. The necessary data were collected through open-ended questionnaire covering 12 questions. Due to COVID 19 pandemic, the questionnaire was administered to 40 students of English Department with 20% best academic achievement using google forms. The google forms were sent to the respondents' WhatsApp contact numbers from April to June 2020.

The data obtained from the questionnaires were analyzed by coding. Coding technique was used to identify the information technology media used by the research respondents.

The data obtained were analyzed by what [18] called "coding". This coding is done in the following steps:

1. Identifying of learning media to improve English Listening, Speaking, Reading, and Writing skills.
2. Giving conceptual labels to the identified media.
3. Classifying the types of media categories according to conceptual labels.
4. Calculating the types media used by the subjects in improving the four types of language skills.
5. Describing the types of language learning media used by the subjects in the form of a histogram.

#### IV. FINDINGS AND DISCUSSIONS

The findings of this study consist of four points; Listening, Speaking, Reading and Writing skill. The findings are described in the four points as follows:

##### A. *Information Technology used to Improve Listening Skill*

TABLE 1. INFORMATION TECHNOLOGY MEDIA USED TO IMPROVE LISTENING SKILL

No	Types of media	Proportion
1	YouTube	77.5
2	Spotify/ JOOX	27.5
3	Movie in Netflix	27.5
4	Website TED	12.5
5	Listening Section TOEFL	5
6	Social Media (Instagram)	5
7	Podcast	5
8	Libri Vox	5
9	Voice in Google Translate	2.5
10	Tiktok	2.5
11	Zenius	2.5
12	Spoon	2.5
13	Cake	2.5
14	Yolkradio	2.5

Table 1 shows that there are 14 types of IT media used by research participants to improve their listening skills. Three types of IT media (YouTube; Spotify/JOOX; and Netflix) are very popular for the participants.

##### Contents

Most subjects use YouTube in improving their English Listening Skill. From the dimension of contents, three types of contents - songs, movies, English Learning tutorial, news, research, biographies of characters,

and speeches (TED) - are preferred by the respondents. The verbal data supporting the statement are presented as follows:

- YouTube-Songs

*I use YouTube media because YouTube is easy to access and there are many choices of songs that you can listen to. How to use it is very easy, we just look for a collection of English songs and then listen. The results are good, if we do it consistently. (Asma Ulhusnah).*

*For me, the media I use to improve listening skills is the YouTube application. I do not just watch the video, but I usually listen to a conversation, or sing a song in English. (Muh. Rochmat Muchson Santoso).*

- Spotify: Songs

*I use Spotify (application for listening to music) and YouTube. I use Spotify and YouTube because Spotify has a lot of songs in English, and YouTube is very easy to search for English videos. (Ficha Fahala).*

- YouTube- Movies

*YouTube, this application is very efficient because we can search for films according to the genre we want and can activate the subtitles according to the desired language. With this practice I usually hear words that are foreign to sound and with the help of subtitles I can understand the meaning of the word. (Ahsan Muzri)*

*I use a lot of media, I study through English films, listen to English songs, and I like watching nursery rhymes on YouTube. I think YouTube media is very to use. We just need to type "nursery rhymes" in the search field, and then many will appear, and then just choose which one catches your attention. The result was very effective at improving my listening skills, because almost all of the speakers were native speakers. (Azizah Hairunniza)*

*I only use YouTube to watch and listen to videos or movies in English. In YouTube, many native speakers are willing to share their experiences and teach English to their viewers. It can be said that YouTube is a website that also acts as a medium. (Kurnia Rahman)*

*Some of the media that I use to improve listening are YouTube, Libri Vox, and Movies streaming platforms like Netflix.*

*The first, YouTube is the medium I use most often to improve listening skills because of its easy access and abundance of material in it. I subscribe to several YouTube channels and visit them frequently to listen to materials or conferences in English, namely Ted-Talks, Ted, and Ted-Ed. Ted's series of channels have an abundance of materials and conferences in English, and topics can be selected according to your interests. Other channels include Kurzgesagt, The Infographic show and Bright Side. These three channels provide a variety of informative videos in compelling animation and video compilations. All explanations are in English and easy to understand. Once again there are so many topics available. Another channel, namely Psych2go, provides psychological facts that are packaged in an interesting animation form. Because one of the topics that I really care about is psychology and mental health, I visit that channel very often.*

*The second is LibriVox. LibriVox is a digital library where I get English audiobooks from my favorite books. LibriVox contains volunteers who read and record public domain text and upload it into an audiobook for free to download. LibriVox is a free Audiobooks provider that is legal and easy to access. Simply visit the website at [librivox.org](http://librivox.org) and search for the book or text you want to listen to. The audiobook can be heard directly via streaming or downloaded to be heard later and also no need to log in to start downloading the audiobooks.*

*The third one is movies streaming platforms like Netflix; one of the media that I like to improve my listening skills is movies or TV series. In today's digital era, Legal English language films to watch are available on many streaming platforms. Which subtitle can be selected? (Nur Indri Yawaningsih).*

- YouTube - English Learning tutorial

*Second, with movies, the third is YouTube by watching English tutorials on the YouTube channel. My favorite tutorial is the YouTube channel from English with Lucy. (Andi Rahmi Utami).*

*The medium I use to improve my listening skills is YouTube. I use YouTube to watch videos or watch movies in English. Like on the mmmEnglish and Englishwithlucy channels I watch a lot of their videos because they teach learning English to people who watch their videos. I also often watch on the TEDx Talks channel on the channel, I listen to a lot of native speakers. (Andi Fitri Rahmasari).*

- YouTube - News, Research, biography, speech

*I only watch via YouTube. The videos I watched also varied, ranging from vlogs, news, research, biographies of characters, speeches (TED) etc. According to me, this method really influences my skills because when watching I really focus on understanding the videos without subtitles. Then at the second time, I usually activate the subtitles. (Inaya Hasanah Rahman).*

*The media I use are YouTube and Google Podcasts. On YouTube, I mostly watch the TED channel and random videos containing the speech of people at a conference which I downloaded a lot when I got a Wi-Fi network. Likewise on Google Podcast, I still listen to TED Talk when my network is not good; actually there are many outsider channels on Podcast that support us learning English. The results are quite pronounced. Besides improving my listening ability, I also know the correct pronunciation of a word. (Ervina Syarifuddin).*

*The media that I use the most is YouTube because there I can get various kinds of videos that I think can help me, besides that I also install the spoon application which usually some of the broadcasters in the application hold bilingual or foreign language podcasts. I learned from there. The result is that some new vocabulary that I listen to repeatedly will be easy to catch, the more vocabulary that I hear often, the easier it will be for me to understand what I'm listening to. (Raehanun Fadhillah).*

- Listening Section of TOEFL

*I usually use music media and the Listening section of the TOEFL. (Mufida Julia Mursalim).*

- Channels

From the dimension of channels, the researchers find out a number of channels used by the respondents to improve their English Listening Skills. The channels used by the respondents include the following channels: TED; TheEllenShow; TEDx Talks; Guruku Mr D; Yoora Jung; Naila Farhana, English with Lucy; Learning English with TV series. The verbal data supporting the statement are presented as follows:

*I used to open the TED Website to practice my listening skills. I used to regularly use TED when I was in high school, now I only open TEDs on YouTube. (Dewi Shafira Anindhita).*

*Apart from watching movies, I use YouTube as a medium to improve my listening skills; favorite channels that can help me improve my listening skills include TheEllenShow, TEDx Talks, Guruku Mr D, Yoora Jung, Naila Farhana, and English with Lucy. (Weldina Yusfa).*

B. Information Technology used to Improve Speaking Skill

TABLE 2. LEARNING MEDIA USED TO IMPROVE SPEAKING SKILL

No	Types of Media	Proportion
1	YouTube	32.5
2	Peer	22.5
3	Mirror	17.5
4	Social media (Instagram)	15
5	Video/film	10
6	Songs	7.5
7	Hand phone	7.5
8	Recorder	7.5
9	Dictionary	7.5
10	Discord	5
11	TV	2.5
12	FGD	2.5
13	Voice Feature	2.5
14	Game	2.5
15	Duolingu	2.5

Contents

The contents of media used by good language learners include MOVIES, News, sports events, quizzes, songs, speeches, monologue dramas, communication practice. The statement is formulated based on the verbal data as follows:

- Movies

*In improving my speaking skills, I did the same thing when practicing listening skills. There is no specific website that I use. I only practice speaking through videos on YouTube and western films, and have direct conversations with native speakers. In improving my speaking skills, I did the same thing when practicing listening skills. There is no specific website that I use. I only practice speaking through videos on YouTube and western films, and have direct conversations with native speakers. (Shafira Anindhita).*

*I usually use video or film media. I usually use video or film media. (Mufida Julia Mursalim).*

*I also use YouTube to watch movies for the same reason as before. How to use it is very easy, just enter the title of the movie you want to watch and the results are pretty good to improve pronunciation. (Asma Ulhusnah).*

- News, sports events, quizzes

*For me, the media that I often use to improve my speaking skills in English is through television, because a lot of programs are in English such as news, movies, sports events, quizzes, etc. This is how we watch programs that use pure English. Because, when the speaker is talking, of course we have to follow what the speaker is doing. As a result, of course we get new knowledge and vocabulary, so that when we speak English to the public, we will definitely not be confused about what we are saying. (Muh. Rochmat Muchson Santoso).*

*I use YouTube and several movie watching sites available on Google, for example ganool movies. I use it because on YouTube and ganool movies there are many English videos and films available. How to use it is also easy, for YouTube we only need to enter what video keywords you want to watch, and for ganool, we first type ganool movie on google. After getting the website, we only need to click and can immediately choose what movie to watch. As a result, after watching the video and film, I started practicing the existing dialogue and this helped to improve my pronunciation and speaking skills. (Ahsan Muzri S).*

*The media that I use to improve my speaking is the same as listening skills, namely songs, movies, YouTube channels, Google Translates voice feature. When I listen to a lot of English vocabulary, it can help improve my speaking skills. Of course, don't forget to practice it. The media that I use to improve my speaking is the same as listening skills, namely songs, movies, YouTube channels, Google Translates voice feature. When I listen to a lot of English vocabulary, it can help improve my speaking skills. Of course, don't forget to practice it. (Andi Rahmi Utami).*

- **Communication Practice**

*For speaking skills, the results will be better if we practice it directly, it can be with our classmates at campus, or our lecturers or we join the speaking community. But there is one medium that I usually use to improve my speaking skills, namely the PUBG and Mobile Legend games. In that game, we can choose which country we want to play with, then there is a so-called voice feature which allows us to talk to our teammates or our opponents who come from countries that use English. In my opinion this game is effective because I often speak English with other people, and there is communication between us. But this media is very risky because we can forget the time to play it; I played until 3 pm and forgot my college assignments. (Azizah Hairunniza).*

- **Focus group discussions**

*I participated in several English speaking communities where we were trained to speak in public and occasionally held debate exercises, these activities can hone my speaking skills because the activities are routinely carried out. (Ahsan Muzri S).*

- **Monologue Dramas**

*The media I use is a chat application, when I want to study I just send a few messages in English to friends that I think I can. And also on YouTube, seeing some speeches or monologue dramas there made me know some new things so that it formed my self-confidence in speaking. Even though I was still stiff at times, the confidence that I kept building up gradually made me comfortable to speak up. (Raehanun Fadhillah).*

- **Songs**

*The media I use is you tube because I often sing karaoke so while listening to songs; I can also sing along and read the lyrics. While singing, I can improve my pronunciation a little bit. The media I use is you tube because I often karaoke so while listening to songs, I can also sing along and read the lyrics. While singing, I can improve my pronunciation a little bit. (Rezki Amelia Anggraeni).*

*The media that I use to improve my speaking skills are listening to music on YouTube and following an English learning account on Instagram that teaches us to practice speaking skills. And also my classmates to communicate with each other by speaking English to practice our speaking skills. (Andi Fitri Rahmasari).*



C. Information Technology used to Improve Reading Skill

TABLE 3. INFORMATION TECHNOLOGY MEDIA USED TO IMPROVE READING SKILL

No	Types of Media	Proportion
1	Novel/ Literature	22.5
2	Books	22.5
3	Social media (Instagram)	17.5
4	Articles	15
5	Google	12.5
6	Webtoon Application	10
7	Newspaper	5
8	Wattpad Application	5
9	Reading section TOEFL	2.5
10	Games	2.5
11	Libri Vox Application	2.5
12	Thoughtcatalog Application	2.5
13	8freebooks.net Application	2.5
14	Yolkradio	2.5

From the dimension of contents, the media used by the research subjects consist of literary works: short story, novels; speech; articles; reading exercises, quiz; and news. This statement is generated form the verbal data as follows:

- Literary works: short story, novels

*Novels, sometimes also open speech websites of famous people like Steve jobs, I like to open speech websites because it is through speech that people usually issue something that no one has seen from the speaker or even through speech that person gives something that arouses us, for what we're going to do next. (Andi Muhammad Novri Dwi Putra Ihsan).*

*The media that I often use in my reading ability is through newspapers / newspapers. There we read what cases or topics were discussed in the newspaper, not just news about politics, law, social affairs, sports, etc. Of course there are other materials such as games, poetry, stories in animation. As a result, we can find out and improve our reading skills, for example in skimming reading or speed reading; of course we can train our grammar skills and the appropriate words in the dictionary correctly and clearly. (Muh. Rochmat Muchson Santoso).*

*I use high school book media where books that have many long stories in English. (Rizal Alamsa Amal).*

*I prefer to read short stories. I like reading on americanliterature.com. There are lots of short stories with famous writers. (Andi Rahmi Utami).*

*For me personally, the ones that are still most effective in me at this time are books / novels / comics. I honestly don't know how to read an e-book on my gadget. (Azizah Hairunniza).*

- Books and Websites.

*The website here is of course a provider of novels and online comics in English. I have several online novel and comic websites that can increase my knowledge in reading skills. With that result I can get a lot of new vocabulary and know the proper grammar. (Andi Kurniawan).*

*The media that I use to improve reading skills is the Wattpad application; there are many choices of stories with different genres that can be read. However, for English, I only read stories that are not too long, such as one shoot (a story that is only 1-2 parts). Then, on Twitter, I followed an online news portal such as CNN. Through this, we can find news in English. (Kurnia Rahman).*

*As I said before, I read English novels to improve my reading skills. I use a website called 8freebooks.net. The website is a website for downloading free (non-physical) pdf books. Simply by opening the website, and joining the Telegram application, then we can request any book we want by typing the title and author of the book, after which the admin will immediately send the desired E-book. (Weldina Yusfa).*

*The media I use is the app I downloaded on the Playstore. The name of the app is English Stories (Offline), how to apply it is also quite easy, just install the application after that on the homepage there will be several story titles, then we can choose what story titles we will read. Besides that, I also use YouTube, which is reading song lyrics when I'm karaoke. (Rezki Amelia Anggraeni).*

*The media that I use to develop my reading skills are a number of sources/ references such as books, novels, and this has become a habit for me to always read the word "English wise on the internet and social media. The results I get besides adding to my insight into something, reading the word "wise makes me motivated like the word" wise by the famous English writer, William Shakespeare. (Riskawanti Kadir).*

*For reading skills, I only rely on novels or books in English. Because I'm not that rich for collecting novels, that's why I use an application called Wattpad. There are many stories by authors or authors whose books have been published everywhere. However, the story on Wattpad is not as complete as the one in the original novel. But in my opinion it's fair enough because the application is also not paid or free. In my opinion, this application is very helpful. This application can be downloaded in the Playstore or Appstore. After that, create an account using email, then login and start reading. The advantage of Wattpad is, besides the language used is not too complicated, we can also choose our own favorite story genre, so it won't bore us. (Mirnadevi Ramlan).*

*For Reading media myself, I use websites that provide online reading on the Internet, such as a Japanese-English translation comic provider, MangaRock, or a multi-language light novel provider, Baka-Tsuki. The reason is because I am very interested in Japanese Pop literature, so apart from being able to practice my vocabulary, this website is also very entertaining in my spare time, with thousands of comic collections and novels. The ways how to use the websites of both MangaRock and Baka-Tsuki are very simple. We only need to trace the title or name of the author / illustrator of the comic or novel that we want to read, and then various works appear that we can read right away. I have been pursuing this hobby since I was in 6th grade, and as a result, understanding English novels / comics at the Light-Medium level has become something that is not too difficult for me. (Muhammad Suryo Saputro S).*

*WHY book (like comics) I highly recommend this book for people who are less interested in reading skills. In addition, I follow several Instagram learning accounts as a medium to add vocabulary such as english\_vocabulary, <https://americanliterature.com>. (Kurnia Annisa).*

*Sometimes I use online novels, online journals on websites. I really like reading novels in English, apart from practicing my reading skills; it can also minimize boredom while reading. And thank God it also really helped me improve my reading skills. (Rahmi Aulia Amir).*

- Articles

*Articles, Webtoon app. (Nur Annisa Hafid).*

*Website, google scholar. It can contain various articles or journals that we can read so that we can improve our reading skills. (Nurul Husna Amalia).*

*There is no special website to skip my reading skills, I only read articles in English both in books and on the internet and on social media. (Dewi Shafira Anindhita).*

*I use Google. I use google because on google I can search for various articles in English. In addition, I download dramas from the website (kordramas) and English subtitles from the website (subscene) which I can search on google. How to use it, I just type in the English article and the address of the website I want to open, then I select search. For dramas, I download the drama and the subtitles first then I watch it on my laptop or cellphone. As a result, I read often and little by little my reading skills, God willing, began to improve. (Ficha Fahala).*

*Books and several articles on google, because we can get many sources of books and articles. With these exercises, I can increase my vocabulary and can make it easier for me in reading skills. (Ahsan Muzri S)*

*I think books or online articles, books that acquire before that I haven't read or an article that interest me like Jakarta post or NY times. (Rakha Guntur Satria).*

*Thoughtcatalog it's an article website that I always read. On the website there are many articles with almost all of the titles. (Nurul Permata Adinda).*

*I used books, articles and ebooks in English. (Ahmad Sukri).*

*To improve my reading skills, I usually read English words in books and articles. But now I am also starting a new thing to improve my reading skills by starting reading BBC English articles. It's very easy; we can immediately search in the browser by typing the keyword "BBC English articles" after that we will find a website with the address: [www.bbc.com](http://www.bbc.com). In it there are many world articles that we can read and improve reading skills. (Nur Jannah).*

*English books or texts. Also read some books on e-book applications such as ipusnas and bookmate or download them in the genesis library. The book collection is quite complete for download. (Aisyah Aulia Tahir).*

*Print media such as books, magazines and newspapers in English can help improve reading skills. Internet media such as YouTube and articles can also be used to improve our reading skills. We can look for examples of questions on the internet and can read a series of articles in English and then write down the words (vocabulary) that we have never encountered before. (Andi Endah Pratiwi).*

- Reading Exercises, Quiz

*I often use practice books for the National Examination, high school books and books from PKN STAN. (Balqis Syaidina Islami).*

*News, articles, lecture materials and the TOEFL Reading section and games. (Mufida Julia Mursalim).*

*Just like listening skills, I usually access the web from BBC learning English to read English reading texts because on this website, after we read a text, we will be given practice questions to train our understanding of the text we have read. (Masitha Syahrani Syahrir).*

*In improving my reading skills, the media that I often use is the internet. Various random blogs that I have met or several Instagram accounts to learn English that every week hold quizzes on their Instagram stories with the question feature that Instagram has. (Raehanun Fadhillah).*

- News

*The medium I use to improve my reading skills is by using Twitter. On Twitter, I follow the CNN account which is an online news portal account where there is news in English. Besides on Twitter, I also often read stories in English on Instagram. (Andi Fitri Rahmasari).*

*The Jakarta Post and BBC News can be options to improve your reading skills considering that they both present news in English. Recently a website caught my eye. The name of the website is QURIOSITY, what's interesting about this website is that there are various articles about history, research, science, and facts that some people might know about it. (Isra Alvionita).*

*D. Information Technology used to Improve Writing Skill*

TABLE 4 INFORMATION TECHNOLOGY USED TO IMPROVE WRITING SKILL

No	Types of Media	Proportion
1	Books	20
2	Social media (Instagram)	17.5
3	Microsoft word	15
4	Google	12.5
5	Hand phone	10
6	Grammarly	10
7	Duolingo	2.5
8	Dictionary	2.5
9	YouTube	2.5
10	Tiktok	2.5
11	Zenius	2.5
12	Spoon	2.5
13	Cake	2.5
14	Yolkradio	2.5

- Duolingo

*Duolingo, a very useful language learning application and a wide variety of languages to learn. (Andi Ananda).*

- Google

*I use Website, google scholar. Through these media we will find various good references to be used as references in writing skills. (Nurul Husna Amalia).*

*Usually I use online media such as Google for searching articles for my training materials in writing skills. (Rizal Alamsa Amal).*

*I use Google because in Google there are many websites that display several examples of proposals. As I explained above, it's easy to use. We only need to type in the keyword for the proposal we want to search for, and we can get it from various websites. As a result, by reading several proposals available on Google, I became more aware of how the structure of writing proposals and also the materials on academic writing on Google helped to improve my writing skills. (Ficha Fahala).*

*Google and Ms. Word, I usually make more references before trying to write, but writing skills are the hardest skills in my opinion because we have to have a lot of insight and have a lot of vocabulary to make a written work. With these exercises, I can gradually improve my writing skills because it makes me understand that before writing we have to brainstorm first. (Ahsan Muzri S).*

*As for writing, I usually learn a lot through reading on google (the same as reading). (Inaya Hasanah Rahman).*

- Dictionaries, story books with English-Indonesian translations

*For me, the media that I often use in my writing skills are dictionaries, story books with English-Indonesian translations, because these two media are very important to me, because in my writing skills, of course, I have to comply with grammar and tenses quickly and accurately. The result is, of course, in assembling a sentence to produce a sentence that is in accordance with the context and vocabulary rules in English. (Muh. Rochmat Muchson Santoso).*

- Grammar.ly

*So far I use grammar.ly to correct the grammar of my own writing. (Balqis Syaidina Islami).*

*I learned a lot from grammar-correcting apps like grammar.ly, blogs of random strangers. From there I learned a lot about right and wrong writing styles. (Raehanun Fadhillah).*

*To write my writing, of course, I need writing tools as a medium. Not infrequently, I also use a laptop to type my writings. In writing something that may be somewhat formal, such as letters and certain essays, of course I use references from reading materials related to good and correct writing rules. To check my English writings, I always use the Grammarly.com App. This is highly recommended for anyone, especially those who like to write to create a higher quality work. How to use it is not that difficult, just copy the file or text that we want to check into the column that has been provided on the App then click the check button and the results will appear. Through this App, we can find out which words are not quite right in the writing. Not only word errors, but we can also check the correct grammar or grammar for the writing we make. This is very worth it for me personally because I can find out where I was wrong in terms of what in the writing. (Riskawanti Kadir).*

*For writing, of course I need writing tools such as pencils or pens and books. But lately I have been typing more often on my laptop. Besides being easy, it's also very practical to check the grammar. We only need to copy and paste into the Grammarly application. This is very helpful in my opinion. We only need to install this application on a laptop or computer, then sign-up if you don't have an account. If you don't understand, you can search how to use it. With the help of the application, we can know where our writing error is. (Mirnadevi Ramlan).*

- Social Media: Instagram dan Twitter.; WhatsApp

*Lecture materials and trending applications such as Instagram and Twitter. (Mufida Julia Mursalim).*

*Apart from learning in the classroom, the media I use to improve my writing skills is by using social media. I use Twitter; there are several coaches or people who volunteer to share information about English, especially grammar. Sometimes when interacting with them, at the end of a sentence we can use CMIW, where if we make a mistake, they will respond and provide justification or appreciate the expressions given to the post. (Kurnia Rahman).*

*The media I use is What's Up (WA). I often use this app to interact with other people. Through chatting, sometimes I mix the language I use, where there are certain words I use English. (Rezki Amelia Anggraeni).*

*The media that I use to improve my writing skills is to use social media Instagram where on Instagram I follow English language learning accounts such as English Teacher Joe and English Grammar and Vocabulary, which teaches a lot of new vocabulary and teaches grammar. Through this we can learn vocabulary and grammar accidentally when opening Instagram or playing social media. (Andi Fitri Rahmasari).*

*Instagram, Instagram is one of the media that I use to practice my writing skills. I really like writing poetry, notes and motivational words. On Instagram there are a lot of author accounts, of course, in English, from there I learned how to write well and from there I also used to get ideas to write. Then also my thesis, when there is a break in college I will take the time to go to the library. Reading several senior theses then saw how the writing strategy they used, even though I didn't fully understand the contents. Especially, now I have a project to write a proposal. And yes, those two things have a big influence on the improvement of my writing skills. Thank God. (Rahmi Aulia Amir).*

- Longman's book

*Of course, reading a lot will improve my writing skills. Besides that, I also made a reflective journal for microteaching courses on Word Press which also really helped improve my writing skills. Longman's book is also very useful because it helps improve grammar or structure in English. (Andi Rahmi Utami).*

- Microsoft Word

*I don't like writing by hand, so I mostly use Microsoft Word, which I write, namely reports, reflective journals, papers, paragraphs, etc. All the lecturers ordered to write assignments. So in my opinion, all lecturers' assignments that involve writing are very useful for me to improve my writing skills, especially for lecturers who provide feedback on my writing. (Azizah Hairunniza).*

- YouTube with grammar learning

*YouTube by watching content that presents grammar learning as a starting point for mastering writing skills. (Andi Kurniawan).*

- Exercise Book

*Book; in the form of practice books and reading books that contain material about writing. (Masitha Syahrani Syahrir).*

- Diary

*I use a regular diary to practice writing skills, when I'm not carrying it, I often write on my cellphone notes. Recently, I created an account on Medium to hone my writing skills. Medium is a platform for sharing writing online. We can write on any theme we want to share. It is enough to write and determine the theme of the writing using hash tags so that people can easily read it. (Weldina Yusfa).*

#### *E. Discussions*

The findings of this study are in line with several previous researches. Especially, IT media used by spoken English skills (listening and Speaking), good language learners use YouTube videos and Instagram. This is in line with the findings of [12] and [14]. In addition, the study has revealed findings about the contents of IT media used by good language learners. For spoken Listening skills, good language learners use videos of movies, songs, English Learning tutorial, news, research, biographies, and speeches. Channels opened by good language learners include TED; TheEllenShow; TEDx Talks; Guruku Mr D; Yoora Jung; Naila Farhana, English with Lucy; and Learning English with TV series.

However, the findings about IT media used for improving Written English Skills (Reading and Writing) are different from the previous studies. The types of IT media for improving their reading skills cover Novel/literary work; Books; Social media; Artikel; Google; Webtoon; Newspaper; Wattpad; Reading Section TOEFL; Game; Libri Vox; Thoughtcatalog; 8freebook.s.net; and Yolkradio. For Writing skill, they used 14

types of media including Book, Social media, Microsoft word, Google, Hand phone, Grammarly, Duolingo, Dictionary; YouTube; Tiktok; Zenius; Spoon; Cake; and Yolkradio.

## V. CONCLUSIONS AND RECOMMENDATIONS

The research has revealed novel information about learning media used by millennial good language learners in an Indonesian university context. The novel information has answered the proposed questions.

First, the types of media used by the millennial good language learners include 14 types of IT media used by research participants to improve their listening skills. The types of media include YouTube; Spotify; JOOX; Netflix movies; Website TED; Listening section TOEFL; Social media; Podcast; Libri Vox; Voice feature in Google Translate; Tiktok; Zenius; Spoon; Cake; and Yolkradio. Three types of IT media (YouTube; Spotify/JOOX; and Netflix) are very popular for the participants. The information also covers the contents and the channels used by the millennial good language learners under the study. The contents used by the millennial good language learners include songs, movies, English Learning tutorial, news, research, biographies of characters, and speeches (TED). The channels used by the millennial good language learners include TED; The Ellen Show; TEDx Talks; Guruku Mr D; Yoora Jung; Naila Farhana, English with Lucy; Learning English With TV series.

Second, the types of media used to improve their speaking skills include 15 types of media covering YouTube; Peer; Mirror; Social media; Video/film; Songs; Hand phone, Audio Recording, Dictionary, Aplikasi Discord; TV; FGD; Voice Feature; Game; and Duolingu. Three types the most popular include YouTube; Peer; and Mirror. The contents of media used by good language learners to improve their speaking skills include movies, news, sports events, quizzes, songs, speeches, monologue dramas, communication practice.

Third, the types of media used to improve the reading skills include 14 types of media consisting of Novel/literary work; Books; Social media; Artikel; Google; Webtoon; Newspaper; Wattpad; Reading Section TOEFL; Game; Libri Vox; Thoughtcatalog; 8freebook.s.net; and Yolkradio. The contents of media include: Literary works: short story, novels; Speech; Articles; Reading Exercises, Quiz; and News.

The last is about the types of media used to improve writing skill. The types of media include 14 types of media: Book, Social media, Microsoft word, Google, Hand phone, Grammarly, Duolingo, Dictionary; YouTube; Tiktok; Zenius; Spoon; Cake; and Yolkradio.

The novel information is beneficial to English lecturers to facilitate their students to improve their English language skills. Other students can also adapt the media used by millennial good language learners. For other researchers, this information can be taken as the background in conducting language teaching experiments using the media used by millennial good language learners.

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