

CHAPTER IV

FINDINGS AND DISCUSSION

A. Findings

In this regard, the researcher analyzed AI-powered tools to support speaking learning and chose three that might be used in training students for their English speaking skills. These tools have provided interactivity features with a view to raising student engagement and offering personalized feedback; thus, they are useful tools for teachers and learners alike. From the research on this matter, the attention of the researcher was focused on three identified AI tools, namely: Duolingo, Elsa Speak, and Rosetta Stone. A close critical analysis of these three tools highlighted a number of issues that were of great importance.

1. Duolingo

Duolingo is a language learning app that is very effective in helping users develop their English skills, especially in speaking. The app offers speaking exercises designed to improve pronunciation, with immediate feedback on vowel, consonant, and intonation pronunciations. Duolingo's speech recognition system provides real-time feedback that helps users correct pronunciation mistakes, which is very useful for increasing confidence in speaking English.

In addition, Duolingo also trains grammar through sentences that must be spoken, allowing users to practice correct grammatical structures while speaking. In terms of vocabulary, Duolingo introduces users to new vocabulary and encourages them to say it in the right sentence context, thereby enriching vocabulary and making it easier for users to remember and use new words. For fluency, the app encourages users to speak naturally and quickly through repeated exercises designed to improve fluency. On the other hand, comprehension is also improved because Duolingo's speaking exercises often involve listening to and responding to sentences or instructions in English, which trains users' ability to understand spoken language more deeply.

With an integrated approach to various aspects of speaking skills, Duolingo provides a comprehensive learning experience and helps users improve their English speaking skills effectively in real contexts. The following are some of the main functions that Duolingo offers:

a. The Speaking Exercises

Duolingo has a variety of speaking exercises designed to train different aspects of English speaking skills. Here are some of the types of speaking exercises available:

- a. Repeat Sentences: In this exercise, users hear a sentence and are asked to repeat it accurately. This exercise helps improve pronunciation, fluency, and comprehension, as users must listen and imitate the sentence correctly.

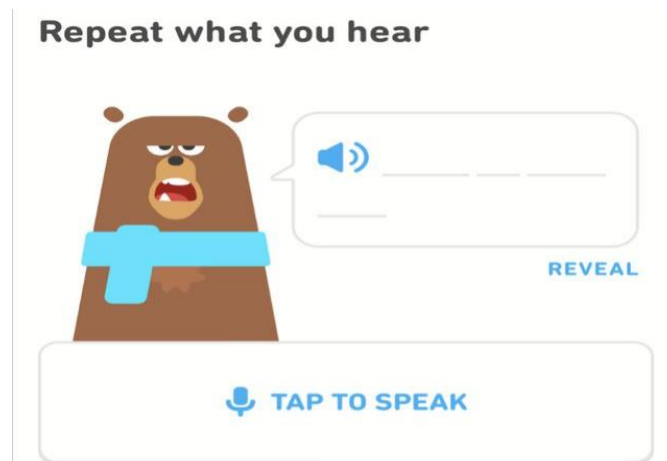


Figure 4.1 Duolingo Speaking Exercises

- b. Translate and Speak: Users are given a sentence in a foreign language and asked to translate it into English by saying it. This exercise trains vocabulary, grammar, and fluency skills, and provides an opportunity to practice correct sentence structure.

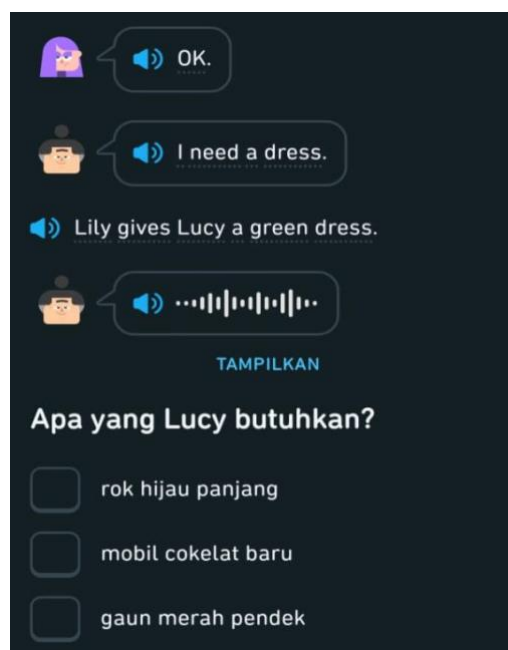


Figure 4.2 Duolingo Speaking Exercises

- c. Dictation: Users hear a sentence spoken and then write it down according to what they hear. Although the main focus is on listening and writing skills, this exercise also helps with grammar and vocabulary as users must understand and transcribe the sentence correctly.



Figure 4.3 Duolingo Speaking Exercises

- d. Talk About a Topic: Some exercises ask users to speak spontaneously about a specific topic. Users may be asked to express their opinions or provide information about something. These exercises train fluency and provide an opportunity to practice speaking more naturally and fluently.

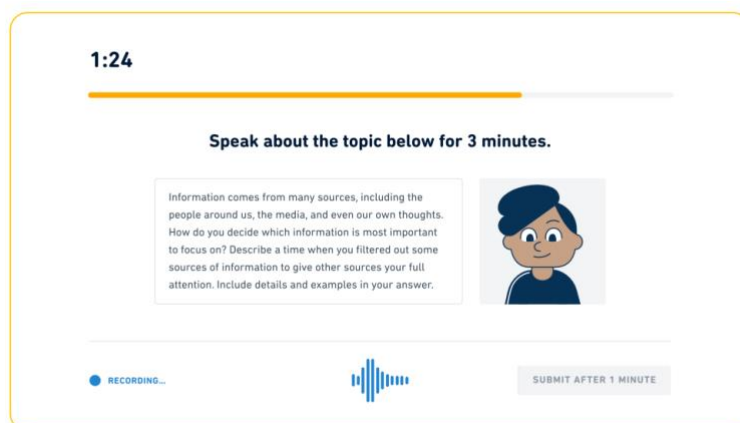


Figure 4.4 Duolingo Speaking Exercises

Each type of exercise is designed to hone different aspects of speaking skills, from pronunciation to grammar to comprehension, and to increase users' confidence in using English effectively in everyday conversations.

Other types of speaking practice materials are the stories and podcasts, which make students know different accents, speaking idioms, and cultural contexts. Topics in the podcasts concern daily life, while stories concern the reading overrecalled texts. This type of resource complements speaking activities and enhances comprehension.



Figure 4.5 Duolingo Podcast

With all things in consideration, Duolingo incorporates excellent and exhaustive exercises that enhance speech smoothness, tone quality, and articulation. In other words, with fast response, learning adaptability, and practice sessions, Duolingo prepares the students for carrying fluent English conversation. In particular it was found that when speaking activities are designed to be enjoyable

and supportive to the learners, it can assist the learners accomplish their language learning goals, including when utilised independently of other language skills.

b.Pronunciation Practice

Pronunciation practice is among the outstanding features of Duolingo and the platform used to systematically and effectively train the learner on speaking skills. This utilizes the newest speech recognition system to give pronunciation directions as the practice is on going. After that the student is encouraged to mimic the words and sentences that have been used by native speakers. He immediately gets corrected to ensure he corrects his accent and pronunciation of words and phrases.

The still-developing technology from Duolingo can easily identify the smallest of details in how it has been pronounced and give detailed feedback on what word or sound a learner has gotten wrong. For instance, if a word pronunciation begins with a vowel, the correct way of pronouncing the vowel is shown. Especially for the students, who tend to need help with pronunciation this gives feedback on the smallest point.

One advantage of Duolingo's pronunciation practice is its convenience: The natural English class offers the opportunity for learners to pronounce as many as they desire in a relaxed environment. They will therefore find it very useful if for example they have a weakness of speaking in front of other people and they feel shy

when speaking in front of others. In this case, gamification helps to make pronunciation practice more fun and therefore people will practice it frequently.



Figure 4.6 Pronunciation Practice

To provide students with the repeated skills practice in pronunciation within the different levels of a course, Duolingo includes pronunciation exercises into its courses systematically. With this, that it helps students with gradually building the accurate sounds and patterns starting with words and phrases and adding more levels to it.

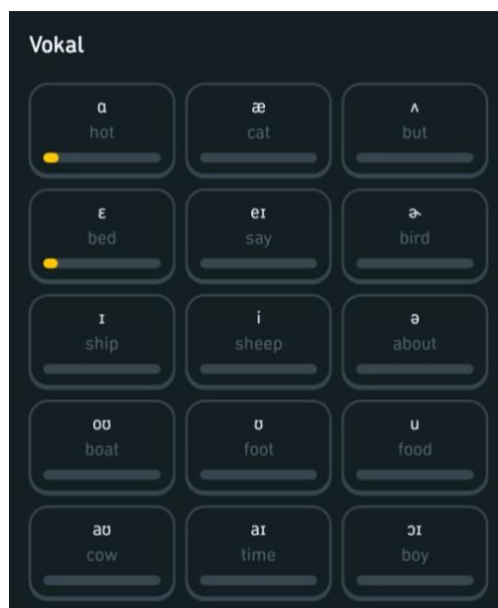


Figure 4.7 Phonetics Sound Practice

Besides voice recognition and basic phonetics, which Duolingo offers to its users, conversational skills are worked out in scenarios. These exercises may consist of the use of question and answer, reiteration of phrases, and narration/enactment of scenarios to enable the students be familiar with the natural pattern of flow of normal spoken language as required in real life interactions.

Consequently, the adaptive learning algorithm includes additional exercises on the harder pronunciation of certain vowels, consonants or sentences and also individual approaches to travellers. The fact that this method is personalizable to fit each learner means that each student benefits from their pronunciation sessions. As pronunciation activities include such elements as the use of the shared records of an interactive visual and aural resources, and leveling and point systems, as well as feedback sharing, such practice may be considered as a game which might be rather stimulating.



Figure 4.8 Pronunciation Practice

A third strength that have introduced pronunciation practice into an integrated syllabus which is further linked to reading and writing lessons as well as listening. For instance, in one lesson each student would read a sentence, the same sentence the student would attempt to write from memory and then read it aloud and probably pronounce it as well. It places the learner in touch with integrated development of language skills by repeating learning through different ways.

Another advantage of a vast plan that covers pronunciation and connects it to reading, writing, and listening skills practices includes. For example, in one of the classes, a student would read a sentence out loud, and then write it down from

memory and then say it again in a bid to master proper pronunciation. Through the use of many learning modalities, the student is exposed to full language skill acquisition and development.

Finally, there are daily speaking challenges that Duolingo offers in order to make the students speak every day. This helps the consistent improvement of the speaking skills. It manages to track the pupil progress by providing them with reports and information from their performance area of strength and area which needs more practice. Duolingo has features like social, where people can interact, and speaking feature which involves speaking to others through language groups or discussion forums and the video call feature. Learners learn that this contact brings, "other reasons" for continuing with their language learning endeavors.

c. Real-time Feedback

Duolingo's real-time feedback feature is designed to give users immediate feedback after they complete a speaking exercise. When users speak a word or sentence using their microphone, Duolingo's speech recognition system automatically analyzes their pronunciation. This evaluation covers aspects such as vowel and consonant pronunciation, word stress, and intonation. With this technology, Duolingo can provide specific feedback, letting users know if they have made a mistake in their pronunciation or if their voice doesn't match the correct word.

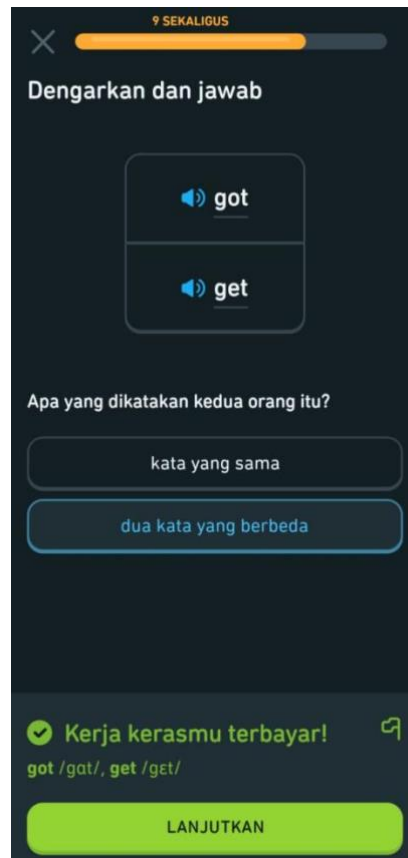


Figure 4.9 Duolingo Real-time Feedback

The real-time feedback allows users to immediately see their mistakes and gives them the opportunity to correct them quickly. If a user's pronunciation is inaccurate, Duolingo provides suggestions and hints for improvement, so users can learn from their mistakes in real time. This speeds up the learning process, allowing users to correct their pronunciation as soon as they hear it, and avoid bad habits that can hinder their progress.

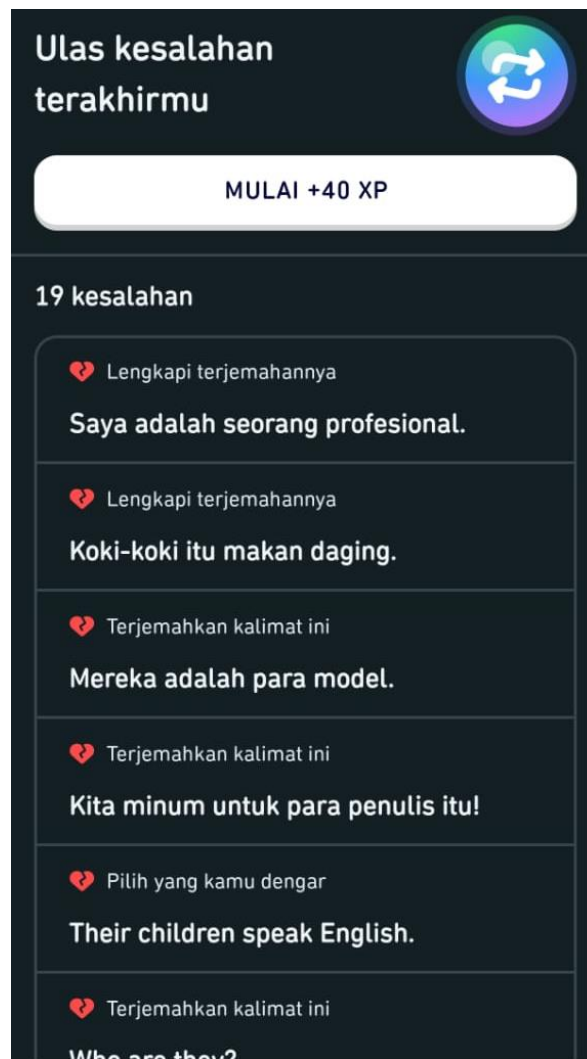


Figure 4.10 Duolingo Feedback On User Mistake

Through repeated practice and immediate correction, real-time feedback helps users improve their fluency and confidence. With each practice, users become more familiar with correct pronunciation, so they can speak more naturally and fluently. In addition, this feature also supports improving oral comprehension, because users are not only asked to pronounce sentences, but also to listen and understand the instructions given carefully.

Overall, real-time feedback on Duolingo provides an interactive and effective learning experience. With fast and specific feedback, users can continue to hone their English speaking skills, from correct pronunciation to fluency, while improving their understanding of the language.

2.Elsa Speak

The name of a high-tech mobile application that is based on artificial intelligence to facilitate people speak English properly is called ELSA, which stands for English Language Speech Assistant. It employs the best features of voice recognition software to provide accurate and personal feedback right where the focus is supposed to be – on the students' oral skills, specifically, pronunciation and flow. If we are using language to learn the lingo with the aim of improving our spoken word, then consider using ELSA Speak.

If user want to work on any aspect, ELSA Speak provides practice exercises that start from practicing distinct phrases and sounds, up to practicing small conversations. It entails all the speaking skills that can be of great use in real-life events, for instance, casual conversations, and corporate power-point presentation.

In complimentary to the speaking skills, ELSA Speak includes vocabulary and grammar exercises. Through the use of a holistic method, the user will be sure to improve his general language proficiency and his or her accent. This is an area

that speaking, vocabulary and grammar exercise in a spoken environment will help users build further.

From the researcher all the students in spite of their level the application is very easy to use as it has simple interface and clearly described steps. ELSA talk will help any beginner, and even professional, speak more articulately and pronounce words more correctly. This means that the users might simply navigate through the application and select exercises based on their preferences easily.

Speaking of the strategy named adaptive learning, one should underline that ELSA Speak focuses on consecutively practicing at the right level of difficulty. The software adapts the level of the exercises that are being done, to match the level of learning that is being attained by the students, so that the students are always practicing at the right level of exercise. Such a curricula remain interesting to the students and makes them consistent in their learning.

ELSA Speak is perfect for those who intend to take a language test or enter the workforce because it develops realistic speaking skills. This app's activities simulate a variety of real-world situations, enabling users to improve their speaking abilities—a skill required for effective communication in both professional and informal contexts. Therefore, this will serve as a helpful and effective introduction for anyone who wants to perform well in an English-speaking setting. A number of features in ELSA Speak can be used to practice speaking English:

a. Personalized Learning

The personalized learning feature on the ELSA Speak app is designed to improve users' speaking skills in a focused and adaptive way. Using artificial intelligence and speech recognition technology, ELSA can analyze users' pronunciation in detail and provide feedback tailored to each individual. Based on the results of this analysis, the app offers exercises tailored to the level of difficulty and areas that need improvement, such as pronunciation, grammar, vocabulary, fluency, and comprehension.

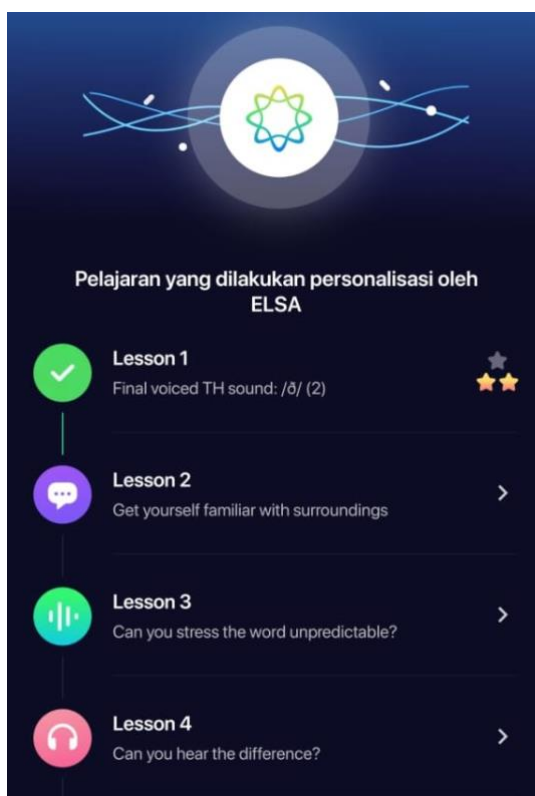


Figure 4.11 Elsa Speak Personalized Learning

Some of the exercises available in the ELSA Speak personalized learning feature include:

1. **Pronunciation Practice:** This exercise focuses on improving the pronunciation of words and sentences by providing direct feedback on intonation, word stress, and articulation of sounds that need to be improved. Users can practice certain vowel and consonant sounds that are often challenging, such as the pronunciation of “th” or “r” in English.

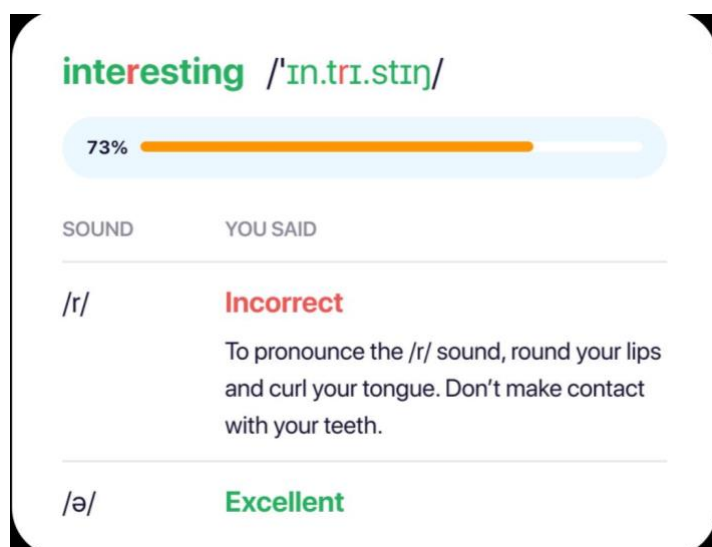


Figure 4.12 Elsa Speak Personalized Learning

2. **Sentence Practice:** This exercise involves forming grammatically correct sentences, helping users improve sentence structure and use of tenses and conjunctions correctly. For example, this exercise will provide feedback on incorrect use of time (past, present, future tense) or incorrect verbs.

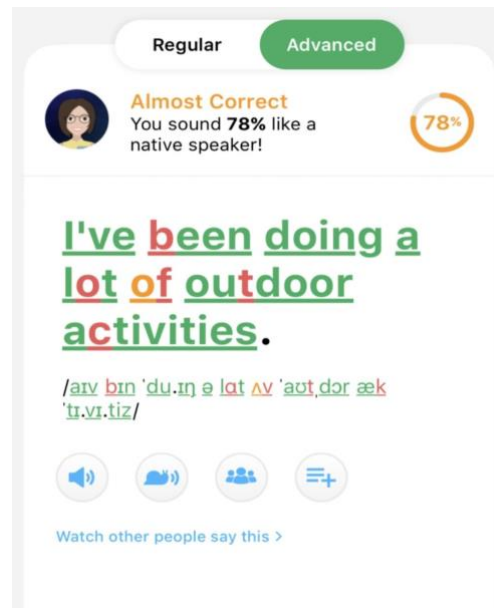


Figure 4.13 Elsa Speak Personalized Learning

3. Fluency Practice: This exercise focuses on speaking fluency. Users will be asked to speak spontaneously about a certain topic in a limited time, such as talking about hobbies or giving opinions. This aims to train speaking fluency, reduce speech barriers caused by ignorance or fear, and help increase self-confidence.

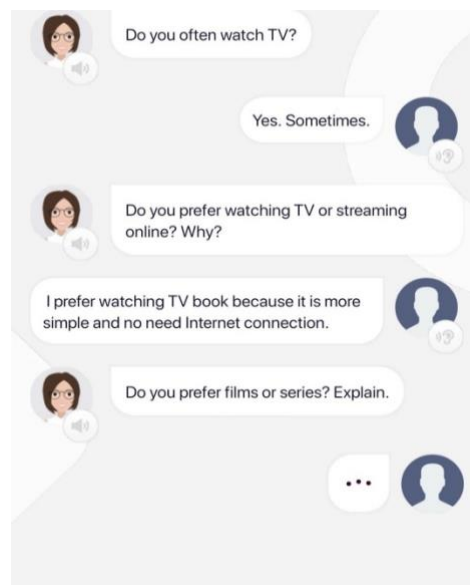


Figure 4.14 Elsa Speak Personalized Learning

4. Vocabulary Practice: This vocabulary exercise helps users enrich and master vocabulary relevant to various situations, such as everyday conversations, business topics, or travel. ELSA provides exercises that adjust vocabulary to the user's ability level, introducing new words gradually.

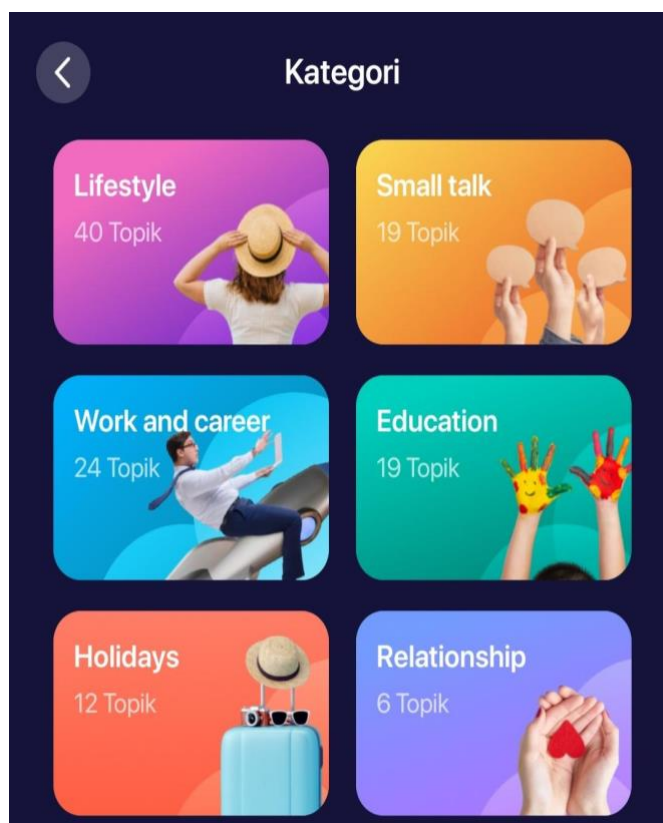


Figure 4.15 Elsa Speak Personalized Learning

5. **Role-Play Practice:** This exercise simulates a conversation in a real-life situation, such as a job interview, asking for directions at the airport, or talking in a restaurant. This exercise not only improves speaking fluency but also enriches the user's language experience with a variety of relevant conversational contexts.

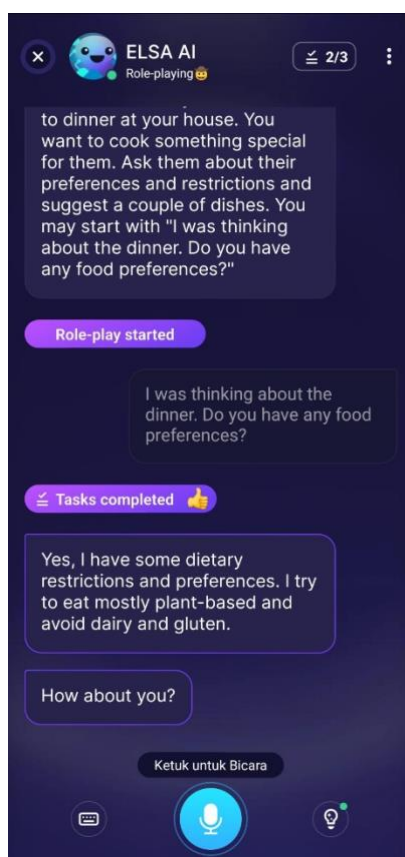


Figure 4.16 Elsa Speak Personalized Learning

In conclusion, ELSA Speak's individualized learning tool is incredibly beneficial and successful in enhancing English speaking abilities. Because the application adapts the learning path to the requirements and objectives of users, it enables students to concentrate their efforts on areas that require the greatest progress. Usability, adaptable activities, and instant feedback all work together to

provide a successful and pleasurable learning environment. ELSA Speak gives students the resources they need to meet their language learning objectives, whether they are used independently or in conjunction with other resources.

b.Pronunciation Training

ELSA Speak is a sophisticated pronunciation training program designed to assist users in overcoming difficulties with English pronunciation. Since its speech recognition technology allows for real-time pronunciation feedback, it is regarded as a particularly useful tool for language learners who wish to get better at speaking English.

To identify the precise areas in which a person struggles with particular sounds or intonation patterns, the training begins with a diagnostic test that probes present speaking abilities. Then, using these diagnoses and problems, ELSA Speak creates a study plan that targets those areas of weakness, allowing practice to be concentrated where it is most required.

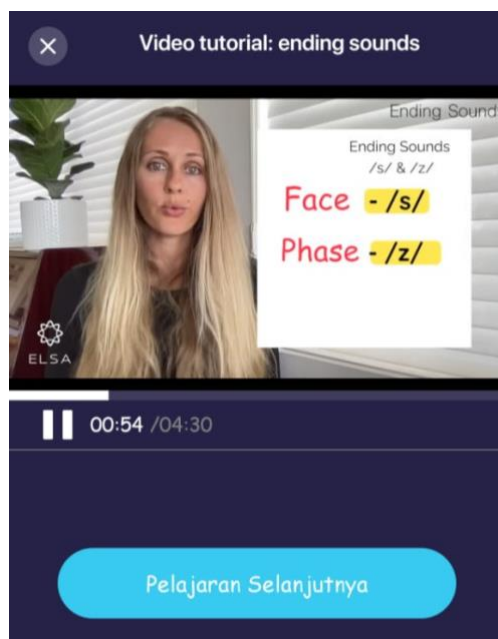


Figure 4.17 Pronunciation Training Using Video

One of ELSA Speak's strengths is its training of precise pronunciation. This program can recognize the subtleties of syllable stress, vowel sound production, and other pronunciation nuances that even a human tutor would overlook. Pronunciation can be precisely improved thanks to this thorough input.

ELSA Speak provides instant feedback during practice by highlighting mistakes and offering the proper pronunciation. A learner can avoid poor pronunciation habits from the start and cultivate healthy speaking habits thanks to this instantaneous correction. A single phoneme, intricate sound combinations, and occasionally word stress and intonation exercises are all part of the practice.

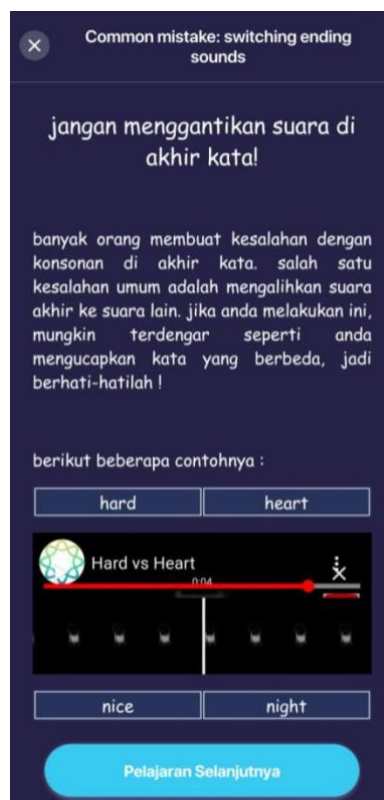


Figure 4.18 Elsa Speak's Pronunciation Training

This is accomplished via ELSA Speak through interactive exercises that place users in real-world scenarios, such as placing an order for food or requesting directions, forcing them to use their skills. Points and badges are examples of gamification elements that keep users engaged by encouraging frequent practice.

This app's adaptability is another significant benefit; it challenges students appropriately by modifying the exercises' degree of difficulty based on their performance. Users will be able to establish realistic goals for themselves, monitor their progress, and become more inspired by noticeable advancements with the help of comprehensive performance reports.

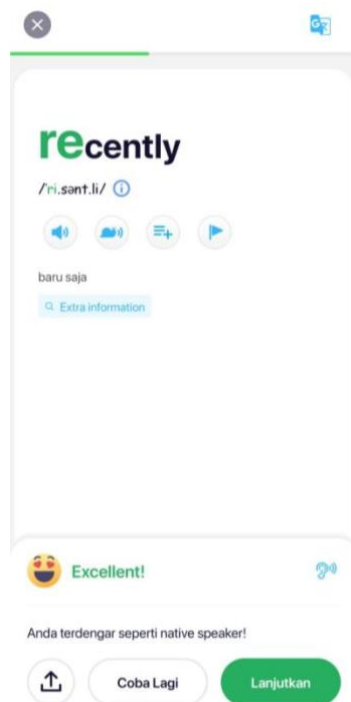


Figure 4.19 Elsa Speak’s Pronunciation Training

With ELSA Speak, users can practice in both American and British English dialects, allowing them to customize their pronunciation in a particular area. Even the busiest people find it easy because it is flexible enough to practice anywhere and at any time.

Because ELSA Speak guarantees constant updates and enhancements, the feedback is accurate, making it a dependable tool for language learners. Additionally, it includes recordings that might be used to compare speech to models of proper pronunciation. Along with organizing suitable vocabulary and phrases for real-world situations, it also covers topic teachings on many aspects of daily living. Pronunciation training is highly social because to community features that allow users to join study groups, discuss subjects, and share their progress.

The extensive feature set of ELSA Speak pronunciation training greatly improves English speaking abilities. With its cutting-edge voice recognition technology, tailored learning pathways, interactively engaging exercises, and real-time feedback, it provides a robust and dynamic learning environment. It provides gamification, user-friendly design, and social aspects related to learning motivation and enjoyment. ELSA Speak gives students the resources they need to pronounce words correctly and confidently, whether they are used alone or in conjunction with other resources. With regular practice and tailored feedback, students gain the abilities needed to speak English fluently.

c.Real-time Feedback

The real-time feedback feature on the ELSA Speak app is designed to provide immediate feedback as users practice speaking, which helps accelerate their English speaking skills. When users pronounce words, phrases, or sentences during a practice session, ELSA uses AI-based speech recognition technology to analyze their pronunciation in real time. The app then provides detailed feedback on pronunciation errors, such as errors in intonation, word stress, or articulation of certain sounds, and suggests appropriate ways to improve. For example, if a user pronounces a word with unclear or incorrect pronunciation, ELSA will suggest the correct pronunciation and allow users to hear how the word should be pronounced by a native speaker.

In addition to pronunciation, the real-time feedback feature also includes grammar feedback, where ELSA will tell users if they make mistakes in sentence structure, tense usage, conjunctions, or other grammar elements. This feedback helps users understand grammar rules in a more practical and contextual way, which is directly applied in conversation.



Figure 4.20 Elsa Speak Real-time Feedback

In addition to pronunciation, the real-time feedback feature also includes grammar feedback, where ELSA will tell users if they make mistakes in sentence structure, tense usage, conjunctions, or other grammar elements. This feedback helps users understand grammar rules in a more practical and contextual way, which is directly applied in conversation.

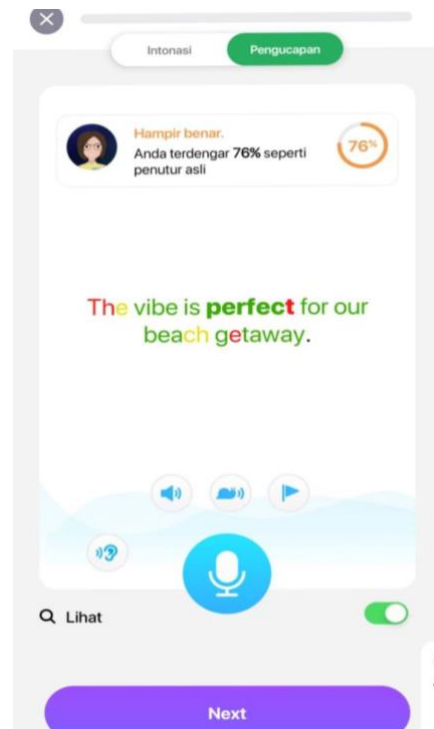


Figure 4.21 Elsa Speak Feedback On User Exercises

In terms of fluency, ELSA provides hints for speaking more fluently, helping users speed up their responses in conversations without losing accuracy or clarity of the message they want to convey. The app also helps users practice their spontaneous speaking skills, which are essential for building fluency in real conversations.

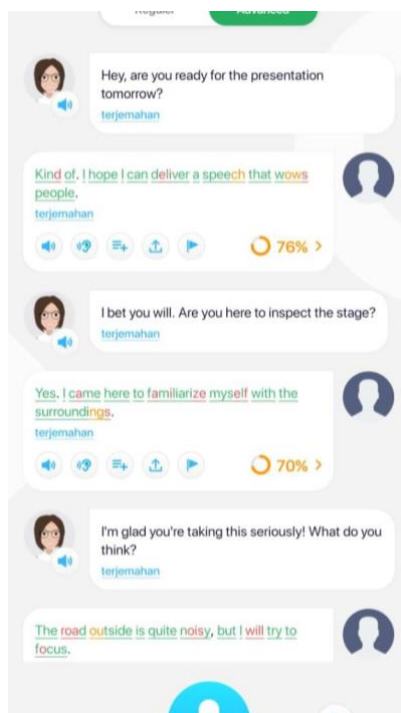


Figure 4.22 Elsa Speak's Real-time Feedback'

In addition, to improve comprehension, ELSA conducts exercises where users have to listen to conversations or situations in English and then respond. This feature trains the ability to listen and respond to conversations naturally, and provides feedback on the accuracy and relevance of the responses given.

Overall, the real-time feedback feature in ELSA Speak allows users to learn efficiently by instantly correcting their mistakes in various aspects of speaking, such as pronunciation, grammar, vocabulary, fluency, and comprehension, thereby helping them improve their English speaking skills comprehensively and effectively.

3.Rosetta Stone

Rosetta Stone is one of the world's most popular and long-known language learning applications, which adopts the dynamic immersion method to teach various foreign languages, including English. This method is designed to immerse users in a learning experience that is completely focused on the target language, without relying on translations or explanations in the mother tongue. Users are introduced to words and sentences through images, sounds, and real-life contexts, which help them associate meaning directly. This approach aims to imitate the way children learn their mother tongue, namely by understanding the language through context and direct interaction.

This dynamic immersion method is very effective for improving speaking ability, because users learn the language naturally through relevant contextual situations. During this process, Rosetta Stone encourages users to pronounce words and sentences in the target language, while receiving fast and precise feedback thanks to speech recognition technology such as TruAccent. This technology allows users to practice their pronunciation, providing feedback on intonation, word stress, and articulation, which in turn helps improve pronunciation and accelerate fluency.

In addition, integrated speaking exercises with real contexts and a growing vocabulary help improve users' ability to speak confidently in the target language. With this fully immersive approach, Rosetta Stone builds a solid foundation for speaking skills, addresses pronunciation difficulties, and improves fluency in everyday conversations. Here are a few of its primary attributes:

a. Dynamic Immersion

The fundamental concept of Rosetta Stone is Dynamic Immersion, which simulates natural language acquisition as though a child were learning. Using visuals, text, and sound in a contextual learning environment, it immerses learners in the language from the very beginning, making it very useful for practicing speaking English. It enables students to think directly in English without the need for translations, which could promote a more intuitive comprehension and organically develop speaking abilities.

The multichannel input of Dynamic Immersion is a major advantage since it allows students to see, hear, and read English simultaneously, which enhances retention and understanding. When learning a word, like "apple," for instance, they might see an image of an apple but also read the word and hear a native speaker pronounce it. Words and their meaning become more strongly associated as a result, making it easier to recall and employ in conversation.

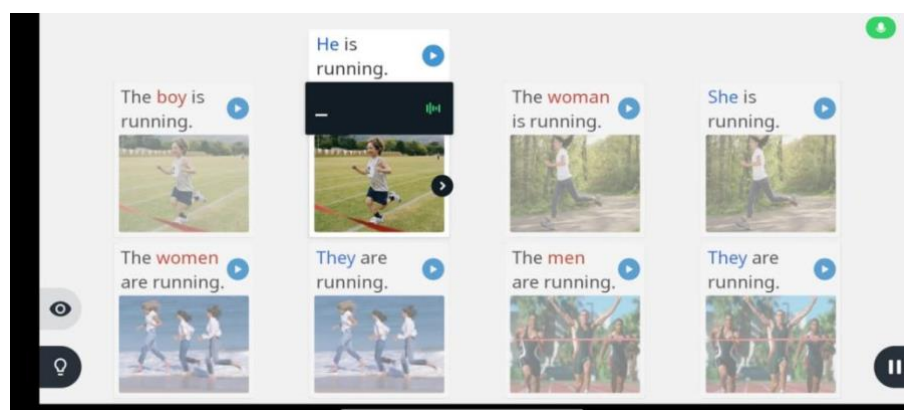


Figure 4.23 Rosetta Stone Dynamic Immersion

Additionally, Dynamic Immersion teaches grammar and vocabulary in situational circumstances, just like in real-world situations. This indicates that students are able to use the language in real-world situations, which boosts their confidence and fluency. Because the method of learning the language entails speaking out, mimicking native speakers, and responding to inquiries in a manner that is necessary for the pronunciation, intonation, and rhythm to be learned in a safe setting, learners are highly engaged.

In order to simulate real-life discussions, Rosetta Stone offers a variety of speaking exercises, such as describing images, finishing dialogues, and responding to inquiries. Engaging in activities can help students communicate in ways that are immediately relevant to their daily encounters. Speaking muscle memory is developed and learning is reinforced by repetition and reinforcement in a variety of settings.

Another advantage is that each learner's success dictates the exercises' degree of difficulty through Dynamic Immersion, which keeps students pushed but never overwhelmed. When discussing the development of motivation and ongoing progress, this flexibility is quite important.

It also helps one get better at listening, which is another important aspect of speaking. Learners have a better grasp of pronunciation, intonation, and idiomatic usage by listening to native speakers in context. Through the use of idiomatic phrases, culturally appropriate conventions, and expressions, learners gain a deep cultural grasp of the language through Dynamic Immersion, which facilitates

effective communication. This cultural awareness gives a learner the ability to speak naturally and navigate social interaction with ease.

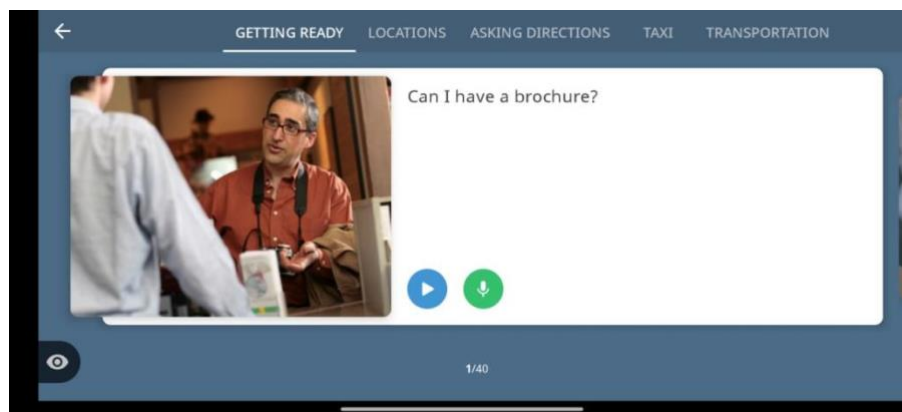


Figure 4.24 Rosetta Stone Dynamic Immersion

This specific approach is particularly successful in developing conversational skills because it places a strong emphasis on context and immersion. As students practice speaking in a variety of settings, from informal, everyday conversations to formal dialogues, they develop into versatile communicators who can modify their delivery to suit various audiences and circumstances.

The Rosetta Stone platform is easy to use and even gives students freedom by allowing them to take any course at any time and from any location, according to their daily schedule. A learner can receive comprehensive reports on tracking progress, establishing reasonable goals, and modifying practice techniques with the aid of progress tracking.

In conclusion, by offering a rich and intricate contextual learning environment, Rosetta Stone's Dynamic Immersion approach successfully promotes

practice speaking English. The goal of this method is to help students gain a deep and intuitive understanding of English so they can speak it with confidence and accuracy. Dynamic Immersion gives students all the tools they need to successfully learn the target language, whether they are used as a stand-alone resource or as a complement.

b. TruAccent Speech Recognition

Rosetta Stone is firmly rooted in TruAccent speech recognition technology, which provides instantaneous, accurate feedback on pronunciation, intonation, and rhythm to help users speak English more fluently. This cutting-edge application compares a user's spoken language with that of native speakers using artificial intelligence (AI), identifying mistakes quickly and correcting them right away. Getting immediate feedback can help user develop good speaking habits from the start.

In order to help users achieve a more authentic, native-like accent, TruAccent is sensitive enough to detect even the smallest pronunciation variations, such as the "th" in "this" against the "s" in "sis," and then makes the appropriate modifications. Additionally, the technology teaches students how to organically transmit information through the use of pitch and stress, including a larger spectrum of speech, intonation, and rhythm elements.

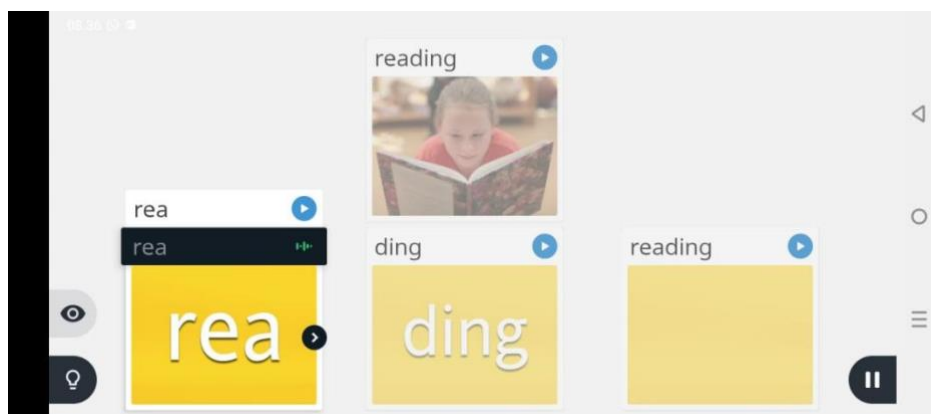


Figure 4.25 Rosetta Stone TruAccent Speech Recognition

By enabling rapid speaking modification and development, this real-time feedback accelerates learning. As a component of Rosetta Stone's Dynamic Immersion technique, TruAccent integrates interactive activities, on-screen text, and audio with graphics to create a seamless learning environment.

Adaptability is another benefit. Based on user performance, TruAccent automatically modifies the workouts' focus and level of difficulty. "Additional practice for those challenging sounds, and introducing more difficult exercises as users improve, ensures relevant feedback is targeted at the learner's current level."

One can practice in American or British English and receive feedback based on the accent they have selected because TruAccent is made to accommodate a variety of accents. Machine learning and artificial intelligence are always evolving, which helps to maintain this technology's effectiveness and relevance.

TruAccent's adaptability and convenience enable users to fit language learning around hectic schedules by practicing speaking whenever and wherever

they choose. Instant feedback and this kind of accessibility greatly aid in boosting a person's confidence when speaking. Various interactive activities based on real-life discussions allow for further reinforcement of practical speaking skills. By continuously correcting pronunciation errors, TruAccent also contributes to long-term retention by strengthening pronunciation habits. Rosetta Stone is easy to use and has an intuitive design that will have user coming back for more.

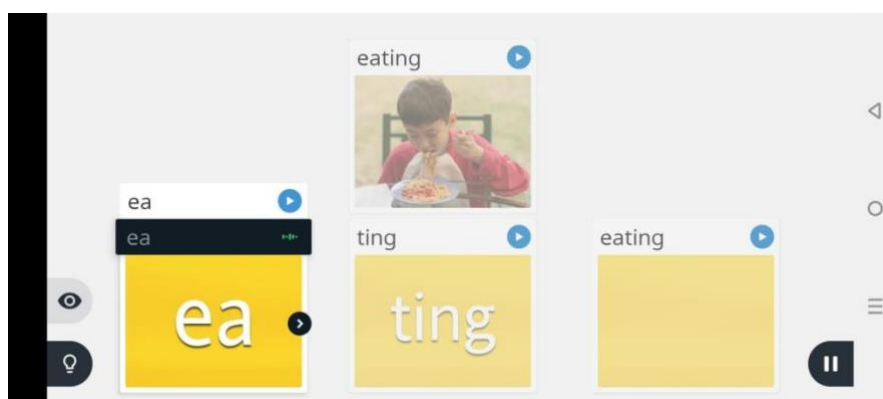


Figure 4.26 Rosetta Stone Truaccent Speech Recognition

All things considered, TruAccent is a powerful voice recognition tool that significantly enhances English speaking abilities; it provides thorough, real-time feedback regarding rhythm, intonation, and pronunciation to enable accurate and fluent communication. TruAccent undoubtedly gives students the resources they need to pursue their language learning objectives, whether they are used alone or in conjunction with other resources.

c. Personalized Learning Paths

Rosetta Stone provides individualized language learning paths, particularly for enhancing English speaking. A diagnostic test is administered at the beginning

of the program to evaluate the user's knowledge of grammar, vocabulary, pronunciation, and comprehension. To guarantee effective and efficient practice, the Rosetta Stone uses the exam results to design a personalized learning path that focuses on areas of strength and weakness.

The learner's progress determines how the individualized learning path is adjusted and modified. To keep users engaged and motivated, subsequent classes will progressively increase the level of difficulty as they grasp particular ideas. Improvement is accelerated by this practice, which is focused on the needs of the learners. To help pupils better focus on their areas of weakness, there are extra exercises for pronunciation problems.

Additionally, personalized learning enables the student to define and accomplish goals, such as improving professional communication skills or preparing for an exam. This provides each practice session with a distinct direction and goal. The exercises help students build the practical speaking abilities they will need in real life by ranging from rehearsing individual sounds to simulating conversations.

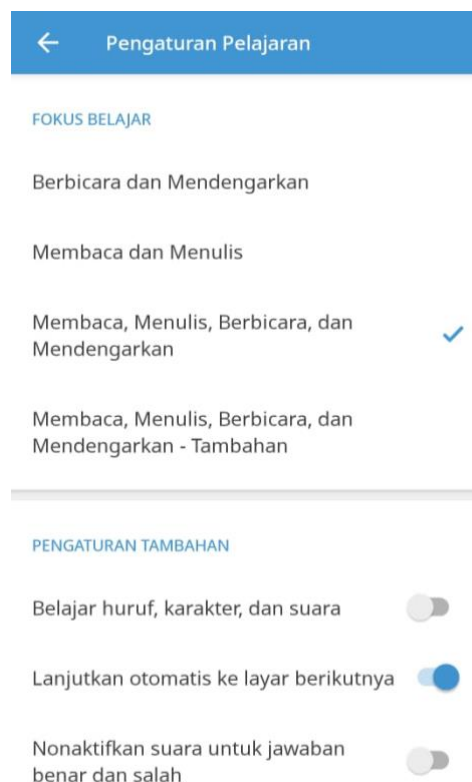


Figure 4.27 Rosetta Stone Personalized Learning Paths

Because individual learning routes are flexible, users can fit language acquisition into their hectic daily schedules by practicing whenever it is most convenient for them. Consequently, that is very beneficial for those with busy schedules. This tool tracks progress and creates thorough performance reports that highlight areas that need further work. Students can create realistic goals, monitor their own progress, and maintain motivation with the use of this information.

In summary, Rosetta Stone offers students individualized learning routes that are responsible for the practice of English speaking using a customized method. A thorough yet interesting learning experience is also produced by interactive exercises with immediate feedback and adaptable practice environments. When

used alone or in conjunction with other resources, Rosetta Stone gives students all they need to speak eloquently and confidently.

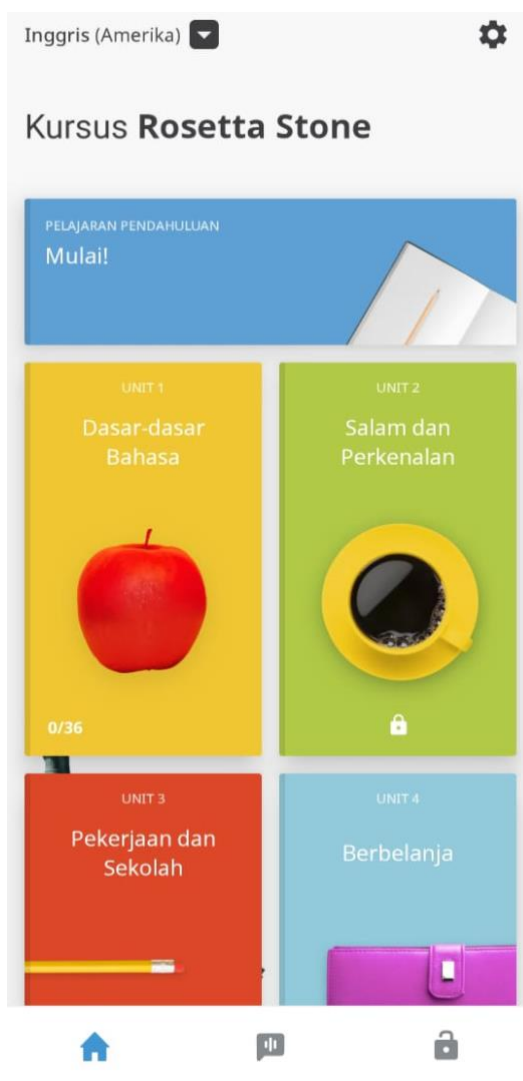


Figure 4.28 Rosetta Stone Personalized Learning Paths

In order to continue meeting changing needs, Rosetta Stone is dedicated to continual improvement and regularly incorporates user feedback. It will be a legitimate and useful tool for language learning because of that dedication. Speaking English is adapted to the requirements and objectives of users through personalized learning routes. These learning routes will ensure thorough and

interesting learning since they include interactive activities, real-time feedback, and adjustable practice settings..

Since they provide different strategies and tools for effective language learning, Rosetta Stone, ELSA Speak, and Duolingo three of the best software programs for speaking English practice.

Due to being a language learning and teaching application, the concept of exceeding in the use of language makes Duolingo engaging and fun with the help of streaks, levels, and points. It is most beneficial for new learners who may only have time to spare small chunks of time at a go and intermediate learners since it has lessons that can be taken in breaks of one's busy schedule. Learning language also involves reading, writing, speaking and listening as fundamental activities for the growth of that language. There is the issue with rewards for each achievement, and several practice tasks are available; however, constant practice is necessary for practical application to recall such information. Many teachers may not have the strength to perform deeply when using Duolingo; sometimes, there may not be much advice on pronunciation. Banners are there too, and more is only attainable for a fee—things that can be considered to be MOAs.

ELSA Speak employs computer speech recognition technology that is current to focus mainly on speed and accent. It develops individual lessons to correct certain pronunciation problems and gives detailed and instant comments. This level of accuracy makes students almost natural on their pronunciation of words. The disadvantage of this is that they can only be proficient in pronunciation

and this would be seriously damaging to all other aspects of learning the language such as grammar and vocabulary. Its utility in places that do not have reliable access to the internet and where the dynamic map usage for the enhanced navigation would entail applying for a subscription would be impractical.

The context approach used by Rosetta Stone is the Dynamic Immersion which employs text, music and images in a natural acquisition setting. It does speaking, listening, reading and writing with special emphasis on speaking fluently through its TruAccent voice recognition technology. This enables real time feedback in as much as it intends to help the users enhance their speaking skills as well as having a natural like accent. Thus, having the target audience in mind, Rosetta Stone offers an opportunity to use the program without Internet connection and individually created course. It's slightly on the pricier side as compared to other social platforms and some of these activities might get quite stale after some time. Besides it could be shallow in terms of conversational skill and cultural background.

Each has its perceived utility; Rosetta stone as offering deep and comprehensive language exposure, ELSA Speak for correcting precise pronunciation and Duolingo for gaming and frequent language practice. Combined these above resources can give a complete way of doing it to have the mastery of the English speaking. Deep down it really enhances the learning process since all groups are oriented to ensure that the learners are ready for any live conversation in English thus enhancing their fluency and confidence.

B. Discussion

This section has followed after the researcher has undertaken the research documentation. Earlier, data collection activity as well as that of its analysis was carried out in previous steps. This research was basically conducted keeping one important research question in mind: Which applications AI can be applied to improve English speaking practice?

The researchers are able to identify many useful AI solutions that would facilitate English speaking practice. Nevertheless, they chose to concentrate on three tools that have a lot of promise for improving English speaking practice: Of these 3 companies, the following are some of the current and popular ones; Rosetta Stone, ELSA Speak, and Duolingo. From their interaction the researchers noted that while at it Rosetta Stone, ELSA Speak, and Duolingo have some special features, which if implemented can make learning practice speaking English even more effective. All these AI-powered resources are designed to provide for different aspect of the language acquisition to ensure that there is an effective and integrated approach.

The researcher actually found it very beneficial to carry around and practice speaking English using the application known as Duolingo. After picking on learning foreign languages, many users have been conversant with Duolingo. Also, the targeted facilities in this venture are easily reachable and provide its membership packages at comparatively cheaper rates. Thirdly, it is possible to practice speaking with the help of Duolingo and the application provides a number

of tools for language learners: speaking exercises, pronunciation exercises, and instant speaking feedback. Also it's important to note that the exercises one comes across on the app are also subdivided according to difficulty levels – easy, medium and hard. As a result, the movements mentioned in this research in harmony to enable students to regulate their education according to their abilities and progress. One is that the users interact with other learners of the English language and get useful direction by using the community or discussion forum. Also because the platform is updated very often, and new material is being added all the time, the users of Duolingo never lack something new to discover. It helps the user to remember to perform it every day which is very important if one intends to make progress in learning another language. Indeed, Alfuhaid (2021) has understood that concerning the learning process beneficiaries' general language and speaking abilities are significantly boosted with the help of Duolingo. Notably, this is due to the innate feature of the participants' positive attitude towards Duolingo which reduced their anxiety when speaking.

Another tool that can be used in the meantime to practice speaking English is called English Language Speech Assistant, or ELSA Speak. Like Duolingo, there is another competitive artificial intelligence language-learning program known as ELSA Speak. While all the AI-based application is relatively similar in their functionalities, ELSA Speak has several comparative advantages: real-time feedback, personalized learning, focus on pronunciation, the use of speech recognition. Specifically, remedial pronunciation instruction and a speech recognition function thereby contribute to increasing the skill of spoken English.

Referring to the idea presented by Karim et al. (2023), ELSA Speak is basically an effective teaching aid that can also be informative. EFL students will derive advantage when it comes to word pronunciation and fluency into better realms. By correcting the pronunciation and intonation of English and speaking for learners, ELSA Speak Improves the ability and The speaking is also a way to assist the learners on the pronunciation and intonation.

Rosetta Stone In contrast to the two tools that were previously covered, Rosetta Stone is an AI-powered tool that is rather undervalued despite having some of the most potent features. Among Rosetta Stone's noteworthy features that have been demonstrated to enhance a person's English speaking talents are Dynamic Immersion, TruAccent Speech Recognition, and Personalized Learning Paths. Dynamic Immersion teaches users to think in the target language through extensive contextual learning. By providing accurate, real-time pronunciation feedback, TruAccent Speech Recognition assists users in achieving a native-like accent. Personalized learning paths adapt courses based on the user's performance and learning speed to guarantee an effective and successful learning experience. These qualities make Rosetta Stone a very powerful tool for increasing confidence when speaking English. Rosetta Stone and other technologies can be successfully integrated into language learning environments, as claimed by Chaniago (2024), to offer a range of speaking practice chances, immersive learning experiences, and customized feedback that improve overall language proficiency.