INVESTIGATING THE AVAILABILITY AND USABILITY OF U-DICTIONARY AS A TOOL FOR ENGLISH-INDONESIAN TRANSLATION OF COMPUTER-ASSISTED TRANSLATION (CAT)

(A Mixed Method Research)



A THESIS

Submitted to the Faculty of Teacher Training and Education

Universitas Muhammadiyah Makassar in part fulfillment of the

Requairement for the degree of Education in English Education Departement

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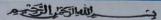
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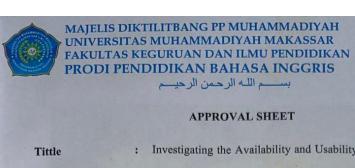
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MOTTO

Let Your Dreams be Bigger than You Fears, and Your Actions Louder than Your Words ~Chanyeol

DEDICATION

I Dedicate this thesis to myself who has preserved and tried to complete this thesis well.

There is no most beautiful sheet in this thesis report except for the presentation sheet. By giving thanks for the grace of Allah SWT, I present this thesis as a proof tomy beloved parents, brothers and friends who always provide support to complete this thesis.

ABSTRACT

Nurul Fadilla,2024. Investigating Availability and Usability of U-Dictionary as A Tool Translation for English-Indonesian Translation of ComputerAssisted Translation (CAT) (A Mixed Method Research) Thesis of English Education Deapartment Faculty of Teacher Training and Education Universitas Muhammadiyah Makassar,Supervised by Ismail Sangkala and Sulkifli.

This research aims to investigated availability and usability with used U-Dictionary as a tool for English-Indonesian Translation. This research was focus on the availability and usability U-Dictionary as a tool for English-Indonesian Translation of Computer-Assisted Translation. This research is a mixed method research. In this research, there are around 26 English Education Department students the sixth semester from Universitas Muhammadiyah Makassar has be involved. These students were selected from 40 students. The data collect via the use of mixed research. It is conveyed via the use of words. Analyzing concepts, ideas, andused SPSS version 27 to know average from students ever used U0Dictionary based on experiences. Data were obtained through structure interview use PSSUQ (Post-Study System Usability Questionnaire) and Documentation. The result show all the sample saw it agree about Availability: Efficiency and Productivity and Usability: Improving team work in using U-Dictionary make all the sample easy and quickly in process translate for English-Indonesian Translation.

Keywords: Availability, Usability, U-Dictionary, ComputerAssisted Translation

ABSTRAK

Nurul Fadilla,2024, Meneliti Ketersediaan dan Kegunaan U-Dictionary sebagai Alat Bantu Penerjemahan Bahasa Inggris-Indonesia pada Computer Assisted Translation (CAT) (Penelitian Campuran) Skripsi Program Studi Pendidikan Bahasa Inggris Fakultas Keguruan dan Ilmu Pendidikan Universitas Muhammadiyah Makassar, dibimbing oleh Ismail Sangkala dan Sulkifli.

Penelitian ini bertujuan untuk menyelidiki ketersediaan dan kegunaan dengan menggunakan U-Dictionary sebagai alat untuk Terjemahan Bahasa Inggris-Indonesia. Penelitian ini berfokus pada ketersediaan dan kegunaan U-Dictionary sebagai alat untuk Terjemahan Bahasa Inggris-Indonesia dari Computer-Assisted Translation. Penelitian ini adalah penelitian campuran. Dalam penelitian ini, ada sekitar 26 mahasiswa Jurusan Pendidikan Bahasa Inggris semester enam dari Universitas Muhammadiyah Makassar yang telah terlibat. Para mahasiswa ini dipilih dari 40 mahasiswa. Data dikumpulkan melalui penggunaan metode campuran. Data disampaikan melalui penggunaan kata-kata. Menganalisis konsep, ide, dan perhitungan data menggunakan SPSS versi 27 untuk mencari rata-rata dari mahasiswa yang telah menggunakan aplikasi U-Dictionary berdasarkan pengalamannya. Wawancara terstruktur menggunakan PSSUQ (Post-Study System Usability Questionnaire). Hasilnya menunjukkan semua sampel setuju tentang Ketersediaan: Efisiensi dan Produktivitas dan Kegunaan: Meningkatkan kerja tim dalam menggunakan U-Dictionary membuat semua sampel mudah dan cepat dalam proses menerjemahkan untuk Terjemahan Bahasa Inggris-Indonesia.

Kata kunci: Ketersediaan, Kegunaan, U-Dictionary, Terjemahan Berbantuan

Komputer.

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- 3. Dr. Ummi Khaerati Syam, S.Pd., M.Pd., Head of the English Department at Universitas Muhammadiyah Makassar.
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The researcher know that is thesis was still far from perfect. Therefore, the researcher expects criticism and suggestions for the perfection of this thesis, Finally, the researcher hope this research was helpful for the future and the interest of readers and future researchers.

Makassar, 30 August 2024

Nurul Fadilla

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CHAPTER I

INTRODUCTION

A. Background

Proficiency in English communication is a prequisite for English teachers. Guiding students in the use of technology for translation is a crucial ability to acquire because it frequently reflects the teacher's overall level of expertise with the class. Translation refers to the process of rendering text or speech from one language into another. It involves the conversion of the source language (the original language of the text) into the target language (the language into which the text is being translated).

Translation this process aims to convey the meaning and nuances of the source text accurately in the target language. Translation important because in translation learning it can facilitate intercultural communication where we can exchange ideas, information and even culture with people who speak different languages after that we can also develop language skills and in-depth understanding of language, with translation it can help understanding of language structure. , grammar and writing system so as to produce or improve overall communication skills. Researchers was conduct research related to how students can take advantage of availability and how students use computer-assisted translation in learning English-Indonesian Translation

Computer-Assisted Translation (CAT), refers to the use of computer tools to assist human translation processes. This goes beyond automatic or mechanical work; it also includes tools to improve human workers'

efficiency and consistency. Using Computer-Assisted Translation (CAT) has a number of significant benefits, which makes it important in the translation industry.CAT technologies assist in increasing training efficiency by encoding training data that already exists in Translation Machine (TM). Investigating the availability and usability of Computer Assisted Translation.

Artificial intelligence and natural language processing will continue to improve the functionality and accuracy of CAT technology software, which will boost its use. Reviewers and editors may see the changes that have been made, offer feedback, and make sure that the final result satisfies the specified quality standards thanks to the CAT tools, which streamline the revision and correction process. CAT provides a number of platforms that combine to produce the best outcomes. Using automatic translation, translators can translate materials quickly. Consequently, it is critical that translation and translation technologies that use CAT technology software work together.

The researcher was investigate the availability and usability computer-assisted translation because as technology advances and innovation develops, the researcher wants to find out about the innovations in CAT tools and how these features can improve the translation experience and the researcher do pre-observation want to know how many 6th semester students use the u-dictionary application in carrying out the English-Indoesian translation process and want to know what their reasons are for choosing this application

B. Problem Statement

Based on the above background, the research questions are:

- a. What is the availability of U-Dictionary for English-Indonesian

 Translation of students at Universitas Muhammadiyah Makassar?
- b. What is the usability of U-Dictionary for English-Indonesian

 Translation of students at Universitas Muhammadiyah Makassar?

C. Objectives of the Research

- a. To Investigate the availability of Computer-Assisted Translation
 (CAT) for English-Indonesian Translation by using U-Dictionary
- b. To Investigate the usability of Computer-Assisted Translation
 (CAT) for English-Indonesian Translation by using U-Dictionary

D. Significance of the Research

Technology now plays a significant role in the translation industry. These days, translators employ computer-assisted translation (CAT) systems extensively to improve their efficiency and deliver high-quality translation services. Human translator productivity has been shown to increase with the use of computer-aided translation (CAT), which is the use of software to help a human translator in the translation process.

Efficiency and Productivity: Machine translation can be measured by several performance metrics. Availability refers to the extent to which a machine is available and usable during a certain time. Efficiency reflects how efficient the machine is at translating text. Productivity measures how much work a machine can complete in a given time. Improving Team Work Efficiency: In particular, the development of a number of separate groups

of specialized software made it possible, to significantly increase the efficiency and quality of work not only of translators.

E. Scope of the Research

The scope this research is to Investigate Availability and Usability
Computer-Assisted Translation for English-Indonesian Translation. This
research focuses on Availability and Usability Computer-Assisted
Translation (CAT) for English Indonesian Translation and Machine
translation researcher was to used mobile application (U-Dictionary)
offline dictionary,(Improving Team Work Efficiency) and (Efficiency and



CHAPTER II

REVIEW OF RELATED LITERATURE

A. Previous Related Research Findings

According to Masuda (2020) A technology-driven approach to the translation process is computer-assisted translation (CAT). It is particularly useful for language pairs like English-Indonesian Translation. Computer Assisted Translation (CAT) is a tools translation from English to Indonesian that uses software and computer technology to help human translators work together to translate. It improves translation consistency and saves time by finding the right segment in the translation memory and giving the previously translated section

According to Othman, Shaikh, and Hassan (2018) CAT is a tools designed to assist human and speed up the rate of translation. When used by translators who possess the necessary qualifications, the use of these tools requires training for the translators. Which suggest translations by looking at previously translated sentences. Certain CAT tools allow translators to collaborate with revisors or assignors via a web-based platform, allowing assigners to provide feedback and track translation progress in real-time.

According to Victory (2020) Computer-Assisted Translation were created to meet the need for new approaches to teaching translators due to new translation technologies. As time goes by, students are introduced to technology that has a lot of software. Apart from providing easy internet access, one of the advantages of this technology is that it makes it easier

for students to find additional information related to study material. Computer Assisted Translation (CAT) is a tools translation approach that uses computer technology to assist human translators in streamlining the translation process.

According to Bianca (2020) on the contrary, as expected, professional translators more often use "computer translator tools", along with variants of "computer translator tools" (CAT tools). This is because the topic currently seems to be of primary concern to experts in translation technology, so the terminology used to describe these tools may seem somewhat complicated. However, as expected from the name, these tools function to assist or assist translators.

According to Girinda (2019) CAT Tools, or Computer-Assisted Translation applications, are a collection of software programs designed to facilitate translators' work and boost their output. Technology that makes quick translation possible is crucial, particularly when time is of the essence. When compared to traditional operations, automatic translation algorithms are far more efficient, producing translations in a matter of seconds. Digital translation technologies, such smartphone apps, make it simple and quick to obtain translation services at any time and from any location. For those who regularly engage with text written in a foreign language, this is quite beneficial, Translation technology makes interlanguage communication possible anywhere.

Researcher will do investigate Availability and Usability, how to apply CAT tools for English-Indonesian Translation in students sixth semester at University Muhammadiyah of Makassar.

B. Some Pertinent Ideas

1. Investigate Computer-Assisted Translation for English-Indonesian Translation

According to Lucas, et al (2023) the use of a CAT tool, translation memories are outside with CAT from a broad perspective that includes MT as one of its key sources of assistance. User preferences, project needs, and language pairs were among the elements that determined how useful the Computer-Assisted Translation (CAT) tools were. Investigations on the accessibility and functionality of CAT tools should take the following factors into account.

According to Laura, et al (2023) the innovations brought about by machine translation (MT) can improve communication in ways beyond those of earlier MT paradigms, there are drawbacks to its application. Like any technological breakthrough, MT is not morally neutral; rather, it reflects the ideals of people who are involved in its creation. In the context of computer-assisted translation (CAT), machine translation (MT) refers to the use of automated technologies to support human translators while they translate material. MT characteristics are frequently integrated into CAT tools, such as software like U-Dictionary.

2. Availability and usability Computer-Assisted Translation (CAT)

According to Belqes, et al (2023) the vailable CAT software computer is used to facilitate tasks such as this one. Properly designed and able to some benefits, CAT devices will be easier to user for acces every resource that you require in order to increase your productivity and work efficiency.

According to Hind (2020). Usability involves three distinct attributes: (1) Effectiveness, the accuracy and completeness with which users achieve certain goals; (2) efficiency, the link between the accuracy and completeness with which users achieve certain goals and the resources expended in achieving them; and (3) satisfaction, the users' comfort with and positive attitudes toward the use of the software. The use of technology in translation has grown significantly. These days, translators frequently employ computer-assisted translation tools (CAT) to improve their efficiency and deliver high-quality translation services.

These tools can be used at any time by the users, moreover some are free or cheap to immediately apply and use offline or online without the cost of human translators in the most significant costs of traditional translation projects.

3. Computer-Assisted Translation (CAT)

According to Andrew (2023) CAT tools in the industry means that knowledge of translation technologies is now a required competence for both translation graduates and professional translators necessary. The use of CAT tools is that they are under the control of the translator

with various kinds of resources at their fingertips, to augment their work.

According to Çetiner (2018) in addition to enabling teams to work together and complete significant translation tasks, CAT tools can significantly improve translation efficiency and quality. Use software called Computer-Assisted Translation Tools (CAT) to become more productive and consistent when translating content. Some popular CAT tools in English include U-dictionary.

a. Purpose of Computer-Assisted Translation (CAT)

According to Ibrahim (2023) one significant CAT tool device is examined. In addition to elucidating the type of error the MT will make, it attempts to attest which MT will be more communicative, semantic, or literal in providing the target equivalent. When faced with a proverb, MT most frequently used the literal, semantic, and communicative translation approaches, in that order, utilizing technology to increase the productivity and accuracy of the welding process. Using linguistic databases and algorithmic translation tools, translators can help understand, translate, and transcribe text from one language to another. CAT offers automatic translation features, like translation memory, to enable translators to work more quickly. CAT guarantees consistency in translation by employing translation memory. Retrieving and reusing previously translated lines or phrases lowers the likelihood of mistakes or inconsistencies in the glossary and translation. Translation times for commonly used phrases and sentences are shortened. Task scheduling, progress monitoring, and translator cooperation are just a few of the project management features that AT delivers. Thanks to translation memory, CAT enables translators to swiftly update translations that have already been completed when changes occur in the source text.

b. Technique of English-Indonesian Translation

According to Melani (2023) Translation Techniques Used by English Department Students in Translating Report Texts from English to Indonesian and Their Impact to the Translation's Accuracy, Acceptablity, and Readability, translation is the neutral term used for all tasks where the meaning of an expression in one language (source language) is turned into the meaning of (target language).

Idea or information from the source language (SL) to the target language Researcher will use technique Literal Translation translates an expression in SL in the word of words into the TL. One technique of translation that focuses on changing words from the source language to the target language without changing syntax or idiom a lot is literal translation. While it can help in understanding fundamental concepts, and harfiah. often not very accurate because it does not take into account religious teachings,

4. Tools of English-Indonesian Translation (U-Dictionary)

According to Juwita, et al (2020) Modern electronic dictionary applications exist like U-Dictionary, U-dictionary is a highly popular dictionary and learning app with over 50 million

collaborated of the U-Dictionary application in English learning can be seen from several aspects that support the teaching and learning process. Here are some ways this application collaborates in English learning Ease of Understanding: U-Dictionary allows users to translate words or phrases from English to other languages and vice versa instantly. This helps students understand learning materials, academic texts, or English literature that may be difficult understand without assistance, Pronunciation Vocabulary Enhancement, Grammatical Explanation, Learn Anywhere, U-Dictionary can be used in conjunction with other learning materials such as textbooks, articles, and digital learning resources. This allows students to translate unfamiliar terms and understand more complex content better.

The researcher used an application as a tool for learning U-Dictionary is simple to use to expand one's vocabulary or to improve one's ability to pronounce English words correctly because it not only gives definitions for words but also their spellings.

U-Dictionary Application

Can access at Google Play store, and IOS Apple



Figure 1.1 U-Dictionary Application



In the section, not only is English to
Indonesian translation available, but
translators can choose the language they
want to use in the translation process.

Figure 1.2 Home Section U-Dictionary



several appear with the same words but different meanings. After translating the sentences or word that we want to translate.

Figure 1.3 Translate Source language to Target Language Section



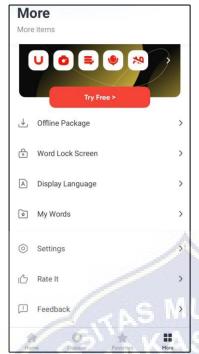
This is what is meant by accurate ranslation process time, where the translator can mark favorite words so that when he wants to carry out a translation and finds the same word or phrase, the translator can open the favorite section again.

Figure 1.4 Discovery section



In this section, if the translator in this wants to set parts of the application, such as the display, what language they want to use, etc

Figure 1.5 Favorite Section



There is also an offline dictionary available where translators can download several parts so they can be used when not connected to the internet.

Figure 1.6 More Section

According to Nami, et al (2022) U-Dictionary is a widely used English dictionary application among students due to its comprehensive features and ease of use. The translations from English to other many more language, are also available in this program in addition to word definitions. One of U-Dictionary's benefits is its word pronunciation feature, which offers the potential to enhance pupils' pronouncing abilities. Pparticularly assessing the usefulness of using the U-Dictionary application to increase students' interest in learning English at University Muhammadiyah of Makassar has not been conducted, despite the fact that the application has several advantages for learning English. Technology can be a useful tool in today's digital age to help students overcome obstacles to accessing and staying motivated to study English. To get over the lack of access to learning resources.

C. Conceptual Framework

The focus variable in this research is the availability and usability of computer assisted translation CAT for English Indonesian translation, English-Indonesian Translation one of the language learning proficiencies and Computer-Assisted Translation is a tools translation Students who want to acquire excellent communication skills need to be able to express themselves accurately in both source and target languages. It is imperative that they acquire proficiency in using Computer-Assisted Translation. using a translation machine, namely U-Dictionary. Includes the accuracy of the translation results with tools that can be used at any time.

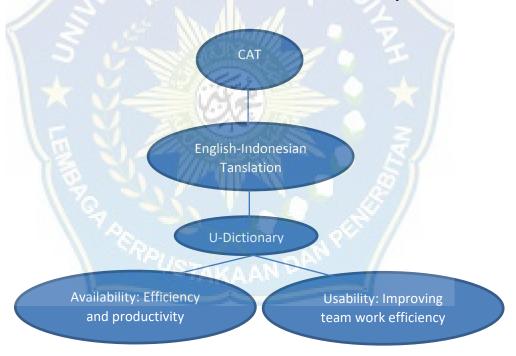


Figure 1.7 Conceptual Framework

1. Computer-Assisted Translation(CAT)

According to Stephen (2020) the process of translating text from one language to another with the use of computer software and tools is known as computer assisted translation, or CAT. CAT tools can be integrated with machine translation systems to offer translators first drafts or ideas, improving the uniformity and efficiency of the translation process. this fusion of technology and human beings.

2. English-Indonesian Translation

According to Daminov (2023) the concept of a translation strategy (especially literary translation) also includes making a decision regarding those aspects of the original that should be reflected in the translation in the first place. Translating a text from one source language (SL) to another includes rendering it into the target language (TL) with the goals of preserving the SL structure as much as feasible while maintaining enough similarity to the TL structure and, secondly, ensuring that the two languages' surface meanings are similar be drastically warped. Translating material from English to Indonesian requires taking linguistic and cultural quirks into account. To guarantee accurate and natural-sounding translations, a thorough mastery of both languages is necessary. Grammar, vocabulary, and sentence structure variations between the two languages must be taken into account by translators. Furthermore, cultural context is essential for successfully communicating the intended message. In order to

deliver a high-quality translation, professional translators frequently consider the precise target audience and the translation's objective.

The transition from English to Indonesian allows for a deeper understanding of the structure and vocabulary of the two languages. This process requires not only proficiency in both languages, but also an understanding of religion and the context of using words.

3. U-Dictionary

According to Dian (2023) this application makes it easy to practice pronunciation because it includes a voice translation function that can spell words and some sentences. It can be used as an effective learning medium for learning pronunciation. This language-focused smartphone app U-Dictionary is a comprehensive resource for anybody trying to improve their language abilities. Machine Translation (MT) has effectively improved the problem of language barriers, and greatly reduced the workload of translators in text translation. An offline English dictionary that works with 44 different languages is the U-Dictionary app. According to reviews on the Google Play Store, the app is among the greatest in the Dictionary category. It includes English articles, games, and questions and answers to help you get better at the language, the influence of the U-Dictionary application with English is Accessibility of Learning U-Dictionary provides easy access to various English learning resources, such as dictionaries, translations, and example sentences, helping users quickly learn and improve their vocabulary.

4. Availability: Efficiency and Productivity by use U-Dictionary

According to Diestri (2023) U-dictionary had been discovered as an effecient learning to increase student's vocabulary, efficiency study and promotes the reporting of various translation quality and speed parameters in order to better understand the trade-offs between various model configurations. Effeciency use of technology to provide precise translations fast is necessary for efficient machine translation from English to Indonesian. By removing linguistic barriers, machine translation promotes international cooperation. Effective international communication is promoted when teams from many locations can work together harmoniously, exchanging resources and information without requiring a lot of translation work.

According to Asra,et al (2023) U-Dictionary, which provide more features than only pronunciation. Students do not need to worry if they find differences of the symbols written in Phonetic Transcription because it will not affect how the pronunciation would be. Although the original idea behind translation memory was to increase human translators' productivity, among other things. By automating the translation process, translating content from English to Indonesian boosts productivity. Without requiring human translation, it enables rapid and effective content conversion. allow translators to leverage pre-existing translations, and save time, the CAT tool needs to interface with MT seamlessly process.

5. Usability: Improving Team Work Efficiency by use U-Dictionary

According to Othman (2023). Computer-assisted translation (CAT) has been widely recognized as a valuable tool for improving the efficiency and quality of translation. CAT tools utilize translation memory (TM) software, which is one of its main characteristics. Translators can use these translations in upcoming projects by storing translated pieces, like sentences or phrases, in this software. This guarantees vocabulary and style consistency while also increasing

efficiency by saving translators from having to translate the same passages more than once. The terminology management feature of CAT tools is another crucial component. Improving the usability of a design is perilous to its success. Effective, efficient, safe to use, easy to understand, and memorable for future usage.

CHAPTER III

RESEARCH AND METHODOLOGY

A. Research Design

In this research, the researcher will used a mixed method. In the mixed method study, researchers specifically investigated the availability and usability Computer-Assisted Translation (CAT) with used machine translation (U-Dictionary) To meet the study objectives, a combination of quantitative and qualitative methods has been employed in a mixed method research design Availability and Usability by used U-Dictionary of the Computer-Assisted Translation (CAT) is a tools in translation skills of students in the sixth semester?

There are two variables in this research, namely the availability and usability of computer-assisted translation (CAT) U-Dictionary and English-Indonesian Translation. Researchers will investigate availability and usability in CAT.U-Dictionary tools in English-Indonesian Translation skills with a qualitative descriptive design.

B. Subject of The Research

Subject of the research has be the students of Sixth Semester at Universutas Muhammadiyah Makassar in the 2023/2024. The research used population purposive (non-probability sampling) can involved exploring certain phenomena or characteristics without having to represent the pupulation statically. In the 6th semester students population there are 4 classes. Class A has 11 students, Class B has 8 students, Class C has 11 students, and class D has 10 students, there are a total of 40 students. From

each population, the researcher was record which classes have students who are active in the English-Indonesian translation learning process. After determining this, the researcher will then conduct a question session with students who often use the U-Dictionary application as a tool translation.

After conducting pre-observation and using non-probability sampling with a sample of 26 students who had used the U-Dictionary application, because they had experience using translation applications.

C. Research Instrument

Structured Interview

According to Zhi,et al (2023). We interviewed representatives following a purposive sampling approach to identify information rich case studies that best reveal user experiences. Structured interviews are a type of interview that uses questions that have been systematically and standardized. This means that all respondents will be asked exactly the same questions, in the same order. These questions are usually closed, where respondents only need to choose an answer from the choices provided. The purpose from structured interviews is to collect data that can be measured and compared quantitatively. By using the same questions for all respondents, researchers can obtain data that is more objective and easy to analyze. The advantages of structured interviews are that they are efficient in data collection and easy to compare between respondents. The researcher uses stucture interview with PSSUQ (Post Study System Usability Quesionner) based on students experiences and backround about using translation machine by U-Dictonary as a tool translation and the researcher will do interview in Google Meet.

b. PSSUQ Questionnaire

According to Prokopia, and Nikolaos (2023) (PSSUQ) is an evaluation tool used to assess perceived usability, and it does not require a license for its usage, the designed to evaluate users experiences and statisfaction with a system they have completed a set of tasks. This structure interview adoubt from PSSUQ (Post-Study System Usability Questionnaire) and the similiar research according to Kurnia (2024) The Post-Study System Usability Questionnaire (PSSUQ) is a questionnaire designed to assess user satisfaction with a computer system or application, PSSUQ is a method consisting of 16 standard questions to measure the level of user satisfaction with a system or application, This questionnaire can also be used to measure the usability of a system or application. PSSUQ also provides assessment norms that can be used as references to compare results obtained from calculating the PSSUQ questionnaire.

c. Documentation

According to Ismi (2023) documentation were selected as instruments to obtain information. Without documentation, a computer program cannot be considered software. Software developers can gain several advantages from creating documentation. The time spent planning, developing, testing, and using software can be reduced with documentation. Regretfully, a lot of developers don't give their program documentation enough attention. Documents that are frequently left unupdated provide information that is not as accurate.

D. Data Collection

According to Samira, et al (2024) collected the data used of the mixed method research design is most efficient for the purposes intended behind this study as it yields a strong methodological approach, and foundation that targets practical problems. Analysis of things that are poorly understood may be done more thoroughly. in-depth interviews, detailed documentation, and literary evaluations of theories and ideas.

a. Structured Interview

According to Busra (2023) It is carried out with an interview form that includes questions written in a standardized format. The interviewer prepares questions in advance and creates a framework for the structured interview. The interviewer will pose brief, pre-prepared questions, to which the participants will be required to respond succinctly and clearly. Although working with larger groups is possible with this kind of interview, survey research can be used as an example. One way to conceptualize structured interviews is as the spoken equivalent of written questionnaires.

b. PSSUQ Questionnaire

According to Kurnia (2024) PSSUQ is a method consisting of 16 standard questions to measure the level of user satisfaction with a system or application. PSSUQ also provides assessment norms that can be used as references to compare results obtained from calculating the PSSUQ questionnaire. PSSUQ generates four values: one overall value and three subscale values. These values are Overall, System Usefulness (SYSUSE), Information Quality (INFOQUAL), and Interface Quality (INTERQUAL).

c. Documentation

According to Faradila, et al (2024) Documentation was the act of preparing the result to make the data more reliable. The researcher took some documentation as the data in this section by taking pictures and recording sound or performances for later

E. Data Analysis

According to Neeraj (2022) Data analysis is a crucial component of research because it enables investigators to test hypotheses and find answers to research questions. Every research project requires data collection. Even with the best research design in the world, it won't help if you can't collect the required data. To ensure that your study can be thoroughly examined and that the findings you draw are both reasonable and convincing, it is imperative that you collect high-quality data. Following is an examination of the study's data:

1. Structured Interview

According to Abida, et al (2023) The researcher heard and studied all the recorded interviews to assess how appropriately it fit into the categories of student interviews. The first step in data analysis techniques, researcher conducted structured interview with 26 participants from different sixth semesters to collect information about their views, experiences, and challenges they faced while using the U-Dictionary application as a translation tool for English-Indonesian Translation.

a. Technique of Interview

a) The researcher preparation, the interview time, and the interview location are all set in stone at this step.

- b) When scheduling an interview, the printed questions need to be placed in a particular order or sequence on schedule. The interview schedule has been set at proceed. It is very important that students participate in this research (either as researcher and interviewer).
- c) Before conducting the interview, the interviewer must set up the time, place, and other pertinent information crucial to ask questions that are as specific as you can. That in order to succeed in interviews, interviewers need to possess experience in these areas. It is your duty as the interviewer to promote a respectful environment. The interviewer ought to express gratitude to each participant for their time and participation in the solution interview.
- d) Responding to questions on the interview schedule is quite simple when doing structured interviews, as the majority of the questions are closed-ended. Practicing taking notes during the presentation informs the note-taking strategy. It takes a lot of time and effort to respond to open-ended queries. An exact transcript of the interviewee's comments is provided by the recording method.
- e) Since the majority of the questions in structured interviews are closed-ended, answering the questions on the timetable is rather straightforward. The note-taking technique is informed by practice taken during the lecture. Answering open-ended questions involves a lot of work and time. Using the recording method yields a precise transcript of the interviewee's comments discourse.

- f) Take the audio recordings, then put them into text. This is how transcripts are made. It is the primary source of information.
- g) Analyzing Information and Creating a Report.

2. Documentation

According to Victoria, et al (2024) Documentation of tools or methods used by researchers to collect data such as application infrastructure, application guides, user reports, and photos of the results of using the U-Dictionary application as a translation tool and everything relevant to the application.

a. Technique of Documentation

a) Facility and infrastructure application U-Dictionary:

Facilities and infrastructure for the U-dictionary application include servers or cloud computing to store and manage the dictionary database, as well as a stable network to ensure users can access the application smoothly. In addition, speech and text recognition software, as well as API integration with third-party platforms to expand the scope of the dictionary are also required. The entire infrastructure must be optimized to provide a responsive and efficient user experience.

b) Usability U-Dictionary improving team work efficiency:

a separate group of specialized software makes it possible to significantly increase the efficiency and quality of work of not only translators.

c) Documentation Image Classification:

Documentation image is a classification that aims to predict the category of images produced by researchers and subjects.

3. SPSS

According to Nosa (2023) SPSS data processing is easy-to-use software, especially for users who want easy and fast data processing. This research using SPSS version 27 with decriptive statistic

- a. Technique of SPSS version 27
 - a) Enter or Import Data into SPSS version 27
 - b) Define lebeling variables
 - c) Access Descriptive Statistic, Go to the top menu and click on Analyze > Descriptive Statistics > Descriptives.
 - d) Select Variables a dialog box was appear. In the left pane, you will see all the variables in your dataset.
 - Select the variables for which you want to calculate descriptive statistics and move them to the "Variables" box on the right by clicking the arrow button
 - e) Choose Descriptive Statistics Options click on the Options button to select the statistics you want to computer (Mean: The average of the data.)
 - f) The analysis after selecting the options, click OK to run the analysis.SPSS version 27 will generate output in the output viewer window.

- g) Interpret the results,in the Output Viewer, you will see tables
 displaying the descriptive statistics for your selected variables.
 Mean: Gives you the average value for each variable
- h) Export or save your output, you can save or export the output by going to File > Save or Export. You can also copy the tables directly into a word processor if you need them for a report.



CHAPTER IV

FINDINGS AND DISCUSSION

A. Findings

This findings is based on the result of Investigating availability and usability of U-Dictionary with sixth semester students at the department of English, Universitas Muhammadiyah Makassar who have ever using U-Dictionary as a tool translation for English-Indonesian Translation based on user experiences. Qualitative descriptive methods are used to analyze students answer when data is process. Found significant findings in this study are as follows:

- 1. The Availability of Computer-Assisted Translation (CAT) for English-Indonesian Translation by using U-Dictionary
 - a. The result of PSSUQ Questionnaire for Availability from students

 Process the data using SPSS version 27 application to support the interview data.

Table 4.1 of Descriptive Statistics Availability

Question List	N	Average
Question 7	26	2.077
Question 8	26	2.115
Question 9	26	2.115
Question 10	26	2.154
Question 11	26	2.654
Question 12	26	2.038
Question 13	26	2.115
Question 14	26	2.154

Question 15	26	2.731
Question 16	26	3.000

Note: N: Sample Quantity

Based on the data analysis shows that the app has succeeded in providing a positive user experiences, with several aspects standing out significantly. The high score given to the ease of learning aspect of the app shows that the app has succeeded in creating a friendly experiences for new users, which is crucial in increasing user adoption and loyalty. Finally, the overall satisfaction score that reached the highest level confirms that the app not only meets expectations but also provides real added value.

Table 4.2 of structured interview Availability U-Dictionary from students

Extract 1 Extract 2	 Q: Do you acurrate with how easy to use to used U-Dictionary as a tool translation overall? S 1: Strongly Agree, because the entire Dictionary very good and easy to use when translate a text, prhase or paragraph. Q: Is it efficiency to used that application? S 2: Agree, because U-Dictionary is designed to offer efficient translation and dictionary service.
Extract 3	Q: Is it statisfied to complete the task and quickly used that application?S: 3: Agree, yes ststisfied because quickly and obtained.
Extract 4	Q : Is is efficiency to used that application?S 4: Strongly Agree,aplikasi ini bisa menerjemahkan cepat dan efisien.
Extract 5	Q: Is is easy to find the information you nedeed?

	S 5: Agree, because information easy to find.
Extract 6	Q: Is it statisfied to complete the task and quickly used this application? S: 6: Agree,most task completely headed quickly to the efficient of the application some complex some translation.
Extract 7	Q: Was the interface of this application Pleasent?S 7: Strongly Agree, iya karena U-Dictionary dibuat untuk ramah pengguna.
Extract 8	Q :Do you comfortable used this application?S 8: Agree,nyaman karena aplikasi ini sangat cepat.
Extract 9	Q: Is it easy to used this application? S 9: Strongly Agree, based on my experience, this application easy to use.
Extract 10	Q: Was the organization of information on the application screens clear? S 10: Agree,information on the screens it's clearly.
Extract 11	Q: Is is easy to used this appliaction? S 11: Agree, easy to use.
Extract 12	 Q: Do you believed could become productivity quickly used this application? S 12: Agree, yes I believe become productivity.
Extract 13	Q: Is it easy to used this application? S: 13: Strongly Agree, this application easy to used
Extract 14	Q : Do you believed could become productivity quickly used this application? S 14: Agree, yes I believe. very productive
Extract 15	Q : Is it easy to used this application? S 15: Strongly Agree, this application easy to used.
Extract 16	Q : Is is to used this application? S 16: Strongly Agree, yes I can use this

	application without guide how to easy.
Extract 17	 Q : Do you accurate with how easy to used U-Dictionary as a tool translation? S 17: Strongly Agree, berdasarkan pengalaman aplikasi U-Dictionary cukup akurat dalam melakukan terjemahan.
Extract 18	Q :Is it efficient to complete the task? S 18: Agree,ee aplikasi ini bisa Menerjemahkan cukup efisien.
Extract 19	Q: Do you statisfied with the application overall? S 19: Agree, yes enough statisfied.
Extract 20	Q: Do you believed could become productivity quickly used this application? S 20: Agree, yes I believe to become productivity.
Extract 21	Q: Do you statisfied with the application overall? S 21: Agree,menggunakan aplikasi ini Cukup memuaskan.
Extract 22	Q: Is it easy to used this application? S 22: Strongly, iya karena mudah dipelajari.
Extract 23	Q: Is it easy to learn this application? S 23: Strongly Agree, iya karena mudah dipelajari.
Extract 24	Q: Do you accurate with how easy to used U-Dictionary as a tool translation? S 24: Strongly Agree, berdasarkan saya akurat untuk menerjemahkan.
Extract 25	Q: Is it easy to used this application? S 25: Strongly Agree, ya saya bisa menggunakannya.
Extract 26	Q: Is it easy to learn this application? S 26: Strongly Agree, ya mudah untuk dipelajari.

Based on the data all sample have experiences saw it using this application make them feel that U-Dictionary is very easy to use, with an intuitive interface and easy-to-access features, this application makes it easy for translators to translate words or sentences quickly, either by typing directly or using the camera to translate written text. The U-Dictionary feature offers translation into various languages which is very helpful for users in learning foreign languages. Every feature offered by U-Dictionary allows for translation into a variety of languages, which greatly aids users in learning foreign languages.

Table 4.3 of Documentation Availability U-Dictionary from students

Extract 1	Q: Could you recover easily and quickly whenever you make a mistake using this application? S: 1: Agree, effective to recovery a mistake
Extract 2	Q: Was the information effective in helping you complete the tasks? S 2: Agree, effective complete the task because the U-Dictionary have features dictionary offline without internet it can be access.
Extract 3	Q : Does the appliaction have all the function capabilities you expect it to have?S 3: Strongly Agree, I hope this may add to many the function of features.
Extract 4	Q : Does the appliaction have all the function capabilities you expect it to have?S 4: Strongly Agree,aplikasi ini mempunyai kamus offline.
Extract 5	Q: Does the appliaction have all the function capabilities you expect it to

	have?
	S 5: Agree, because has have a most expect a function.
Extract 6	Q : Are you liked used the interface of ths application?S 6: Srongly Agree, because the design make It enjoyable.
Extract 7	Q: Do you accurate with how easy to used U-Dictionary as a tool translation Overall? S 7: Agree, sangat mudah digunakan.
Extract 8	 Q: Did the application give an error message that clearly told you how to fix problems. S 8: Agree,U-Dictionary provided error to clearly and have solution.
Extract 9	Q: Was the information effective in helping you complete the tasks? S: Strongly Agree, effective easy and very helpfull.
Extract 10	Q : Do you statisfied with the application overall? S 10: Strongly Agree, overall statisfied.
Extract 11	Q: Did the application give an error message that clearly told you how to fix problems S: 11: Agree, I can fix a mistake or solution easily and quickly.
Extract 12	Q: Is it easy to learn used this applicatio? S 12: Agree, because easy to use.
Extract 13	Q : Do you statisfied with the application overall? S 13: Strongly Agree, secara keseluruhan puas tentang servernya, jaringan dan hemat jaringan.
Extract 14	Q : Does the appliaction have all the function capabilities you expect it to

	1 0
	have? S 14: Strongly Agree, because have learning online, quiz today and offline dictionary.
Extract 15	Q: The information such as online help, on-screen messages, and other documentation provided with this Sysstem was clear? S 15: Agree, menurut saya eee sudah cukup jelas untuk informasi.
Extract 16	 Q : Does the appliaction have all the function capabilities you expect it to have? S 16: Agree, because have mode offline dictionary.
Extract 17	Q : Do you statisfied with the application overall?S 17: Strongly Agree, semua fungsinya sangat memuaskan.
Extract 18	Q : Are you liked used the interface of ths application?S 18: Agree, mudah digunakan dan cepat di akses.
Extract 19	Q: The information such as online help, on-screen messages, and other documentation provided with this Sysstem was clear? S 19: Agree, the information on the screen It's clearly for students
Extract 20	Q: Does the appliaction have all the function capabilities you expect it to have? S 20: Strongly Agree,offline dictionary to students for complete the task
Extract 21	Q: The information such as online help, on-screen messages, and other documentation provided with this Sysstem was clear?

	S 21: Strongly Agree, because easy to find what I needed to information.
Extract 22	 Q : Does the appliaction have all the function capabilities you expect it to have? S 22: Agree, fitur dari aplikasi ini sangat membantu kami dalam menyelesaikan
	tugas.
Extract 23	Q : Do you statisfied with the application overall?S 23: Strongly Agree, statisfied
Extract 24	Q: Was the information effective in helping you complete the tasks? S: 24: Strongly Agree, effective because very helpfull.
Extract 25	Q: The information such as online help, on-screen messages, and other documentation provided with this Sysstem was clear? S 25: Agree, sangat mudah menemukan informasi.
Extract 26	Q: The information such as online help, on-screen messages, and other documentation provided with this Sysstem was clear? S 26: Agree, informasi yang ada di layar Aplikasi eeecukup mudah dipahami.

Based on the data, all sample have experiences saw it application U-Dictionary proved to be a captivating and dynamic educational resource. Students' motivation to study and advance their language abilities can be raised by incorporating technology into the classroom. This can motivate pupils to learn language and get more engaged in the educational process.

2. The Usability of Computer-Assisted Translation (CAT) for English-Indonesian Translation by using U-Dictionary

a. The result of PSSUQ Questionnaire for Usability
 Process the data using SPSS version 27 application to support the interview data.

Table 4.4 Descriptive Statistics Usability

Question List	N	Average
Question 1	26	2.385
Question 2	26	2.077
Question 3	26	2.000
Question 4	26	2.192
Question 5	26	2.692
Question 6	26	2.077

Note N: Sample Quantity

Based on the data of this survey indicate that U-Dictionary is positively rated by users in terms of ease of use, comfortbale, and ability to help complete tasks quickly. The app has an easy-to-learn interface.

Table 4.5 of Structured Interviews Usability U-Dictionary from students

Students	
Extract 1	Q: Do you accurate with how easy to used
	U-Dictionary as a tool translation
	overall?
	S 1: Strongly Agree, because the entire very
	good and easy to use when translate a
	text,prahse or paragraph.
	Q : Is it efficient to use that application?
Extract 2	S 2 : Agree, because U-Dictionary to offer
	efficient translation and dictionary
	service.

Extract 3	Q : Do you statisfied with the application overall?S 3: Agree, yes statisfied because quickly
	and obtained.
Extract 4	Q: Is it efficient to use that application? S 4: Strongly Agree, aplikasi ini bisa Menerjemahkan cepat dan efisien.
Extract 5	Q: Is it easy to learn used this application? S: Agree, easy to use.
Extract 6	 Q: Is is statisfied to complete the task and quickly used this application? S 6: Agree,most task completely headed quickly to the efficient of the application some complex some translation.
Extract 7	Q: Is it easy to learn used this application? S 7: Strongly Agree, yes because this Application user friendly.
Extract 8	Q: Do you feel comfortable used this application? S 8: Agree,nyaman karena aplikasi ini Sangat cepat.
Extract 9	 Q: Do you accurate with how easy to used U-Dictionary as a tool translation overall? S 9: Strongly Agree, based on my experience this application easy to use.
Extract 10	Q: It is statisfied to complete the task and quickkly used this application? S: 10: Agree, yes because this application very quickly on process.
Extract 11	Q: Is it easy to learn used this application? S: 11: Agree,easy to use
Extract 12	Q: Do you believed you could become productivity quickly used this application.
	S 12:. Agree, yes I believe become productive.
Extract 13	Q : Do you feel comfortable used this application?S 13: Strongly Agree, this application easy to use for translate.

Extract 14	Q: Do you believed you could become productivity quickly used this application? S 14: Agree, yes I believe very productivity
Extract 15	 Q: Do you accurate with how easy to used U-Dictionary as a tool translation overall? S 15: Strongly Agree, this application easy to used.
Extract 16	Q: Is it easy to learn used this application? S 16: Strongly Agree, yes I can use this application without guide how to use.
Extract 17	 Q: Do you accurate with how easy to used U-Dictionary as a tool translation overall? S 17: Strongly Agree, berdasarkan Pengalamanku aplikasi U-Dictionary cukup akurat.
Extract 18	Q: Is it efficient to use that application? S 18: Agree,eeeaplikasi ini bisa menerjemahkan cukup efisien.
Extract 19	Q : Do you statisfied with the application? S 19 : Agree, yes enough statisfied.
Extract 20	 Q : Do you believed you could become productivity quickly used this application? S 20: Agree, yes I believe to become productivity.
Extract 21	Q : Do you statisfied with the application? S 21 : Agree,menggunakan aplikasi ini cukup memuaskan.
Extract 22	Q : Is it easy to learn used this application? S 22: Strongly Agree, iya karena mudah dipelajari.
Extract 23	Q : Do you believed you could become productivity quickly used this application. S 23: Agree,quickly and efficient.

Extract 24	Q: Do you accurate with how easy to used U-Dictionary as a tool translation overall?
	S 24: Strongly Agree,berdasarkan pengalaman saya akurat untuk menerjemahkan.
Extract 25	Q: Is it easy to learn used this application? S 25: Strongly Agree, ya saya bisa menggunakannya.
Extract 26	Q : Is it easy to learn used this application? S 26: Strongly Agree, ya mudah dipelajari.

Based on the data, all sample have experiences saw it The application supports translating words, phrases, and even entire paragraphs, which increases productivity by cutting down on time spent on manual translation or using multiple resources. U-Dictionary designed to provide fast translations, which is essential for users who need to understand foreign text immediately.

Table 4.6 of Documentation Usability U-Dictionary from students

Extract 1	Q : Did the application give me an error message that clearly told you how to fix problems?S 1:Agree,because this application give me an message error when process translate.
Extract 2	Q: Was the organization of information on the application screens clear?S 2: Agree, this application clearly about platform and features.
Extract 3	Q : Could you recover easily and quickly whenever you make a mistake used this application?S 3: Agree, user can input text again or sentence.

	Q: Did the application give me an error
Extract 4	
EAGGET	message that clearly told you how to
	fix problems?
	S 4: Agree,saya bisa menyelesaikan
	masalah
	dengan mudah cepat.
Extract 5	Q: Could you recover easily and quickly whenever you make a mistake used this application? S: Agree, I have some mistake but this
	application be more user friendly.
	Q: Did the application give me an error
Extract 6	message that clearly told you how to
	fix problems?
	S 6: Agree, while error message this
	application give an instruction detail
5	to fix it.
Extract 7	Q: Was the organization of information on the application screens clear?
	S 7: agree,karena mudah menemukan
	informasi.
	Q: Is it statisfied to complete the task and
Extract 8	quickly used this application?
	S 8: Agree, yes because this application very
	quickly.
I m V	Q: Is it easy to learn used this
Extract 9	application?
10	S 9: Agree, I like because user friendly
- C	Q : Was the information on the
Extract 10	application screens clear?
(A)	S 10: Strongly Agree, effective because
A Veu	clearly and very helpfull.
	ANAC
Extract 11	Q: Did the application give me an error
LAUACI II	message that clearly told you how to
	fix problems?
	S 11: Agree, I can to fix it a mistake or solution.
Extract 12	Q : Do you feel comfortable used this application?
	S 12: Agree,comfortable because this
	application very quickly.
	Q : Is it easy to learn used this
Extract 13	application?
	S 13: Agree, I like because user friendly dan

	membantu mengembangkan skill.
Extract 14	Q: Did the application give me an error message that clearly told you how to fix problems?
	S 14: Agree,U-Dictionary provided error message to clearly.
Extract 15	Q : Is it easy to learn used this application?S 15: Strongly Agree, aplikasi ini mudah digunakan.
Extract 16	Q : Did the application give me an error message that clearly told you how to fix problems?S 16: Agree, the information on the screens
	is clearly and easy to understand.
Extract 17	Q : Does the application have all the function capabilities you expext it to have?
\$ 15°	S 17: Strongly Agree, semua fiturnya sangat memuaskan.
Extract 18	 Q : Do you feel comfortable used this application? S 18: Agree, U-Dictionary dirancang mudah digunakan karena dapat di dwonload dari play store dan IOS.
Extract 19	Q: Did the application give me an error message that clearly told you how to fix problems?
1 7 A Con.	S 19: Agree, the information on screens clearly to understand for students.
Extract 20	Q: Did the application give me an error message that clearly told you how to fix problems?
	S 20: Strongly Agree,offline mode support to students for complete the tasks. Q : Could you recover easily and quickly
Extract 21	whenever you make a mistake used this application? S 21: Agree, I can recover a mistake so easy.
Extract 22	Q : Is it easy to learn used this application? S 22: Strongly Agree, sangat mudah

	dipelajari.
Extract 23	Q: Is it statisfied to complete the task and quickly used this application? S: 23: Agree, quickly and efficient.
Extract 24	Q: Does the application have all the function capabilities you expext it to have? S 24: Strongly Agree, kamus offline bisa digunakan kapanpun dan dimanapun.
Extract 25	Q: Is it statisfied to complete the task and quickly used this application? S: 25: Strongly Agree, sangat membantu
Extract 26	Q: Do you feel comfortable used this application? S 26: Agree,nyaman karena menggunakan aplikasi ini sangat cepat.

Based on the datathat the application has succeeded in providing a positive user experience, with several aspects standing out significantly. Although there is room for improvement, especially in terms of the organization and presentation of information that could be improved to increase intuitiveness, the application generally meets user expectations, especially in terms of ease of use and effectiveness of the information provided.

B. Discussion

1. The Availability of Computer-Assisted Translation (CAT) for English-Indonesian Translation by using U-Dictionary

a. PSSUQ Questionnaire for Availability U-Dictionary by SPSS version 27

From the average results from tabel 4.1 Descriptive Statistic of Availability by SPSS verion 27 provided, several discussion can be drawn regarding user satisfaction with the availability application:

- a) Error Messages (Average: 2.077): Users feel that the error messages displayed are clear enough to help them fix the problem. However, there is room for improvement so that the repair guide can be more effective.
- b) Error Recovery (Average: 2.115): Users consider the recovery process after making an error to be quite easy and fast, indicating that the application supports a smooth user experience
- c) Clarity of Information (Average: 2.115): The information provided by the application is considered clear, especially in online help and onscreen messages. This helps users operate the application better.
- d) Ease of Finding Information (Average: 2.154): The application design allows for easy navigation, so that users can find the information they need without significant difficulty.
- e) Effectiveness of Information (Average: 2.654): The information provided is very helpful in completing tasks, indicating that the application provides good support in achieving user goals.
- f) Information Organization (Average: 2,038): Although the organization of information on the screen is quite clear, this is one area that needs improvement, especially in terms of layout and presentation of information.
- g) Satisfaction with Interface Appearance (Average: 2,115): Users are comfortable with the appearance of the application interface, which is an important element in providing a pleasant user experience.

- h) Likeability of Interface (Average: 2,154): Users generally have a positive view of the interface design, indicating that the aesthetics of the application are well received.
- i) Completeness of Functions (Average: 2,731): Users are very satisfied with the features and capabilities of the application, indicating that the application meets or exceeds user expectations.
- j) Overall Satisfaction (Average: 3,000): Users' overall satisfaction is very high, indicating that the application provides a very satisfying experience from various aspects, including functionality and design.

According to Refika, et al (2023) stated that Udictionary is a translation machine or tool that achieves accuracy standards. Previous researchers also recommended that U-Dictionary is an effective tool that produces fairly accurate results in English in completing tasks and transferring information, ideas, or messages from one language to another. However, machine translation results are certainly not completely perfect, because machines can only work literally. However, this U-Dictionary application is very suitable for use in learning English

b. Structured Interview of Availability U-Dictionary

Every feature offered by U-Dictionary allows for translation into a variety of languages, which greatly aids users in learning foreign languages. Since they can still use the dictionary and translate without connecting to the internet, people who frequently travel to places with erratic internet connections greatly value the offline mode option.

According to Dhian & Bambang (2024) U-Dictionary as a learning tool since it is a multifunctional, highly efficient, and workable program. Positive experiences are common when use this app U-Dictionary, particularly for individuals in need of a useful and accessible tool for language study and translation.

c. Documentation of Availability U-Dictionary

In addition to offering language learning tools that team members may use to advance their language proficiency, U-Dictionary real-time translation feature makes it possible to translate messages or documents rapidly and accurately, ensuring that all participants comprehend the content. Members of a team that speak multiple languages will be able to contribute to multilingual initiatives and communicate more successfully. By eliminating language barriers and allowing teams to concentrate on essential work, a quick and simple translator can eventually boost productivity.

According to Febi, et al (2023) This application as a tool translation U-Dictionary includes a number of features that can aid students in learning English a few benefits of using U-Dictionary to learn English quickly include the following: 1) Students could used the camera to saw anywhere in English and interpret pictures. 2) Use the Android lock screen to detect English; if students had the U dictionary installed on the phone, could also recognize English from the lock screen without using a camera. 3). With the aid of a dictionary, students might quickly and easily learn English by playing.

2. The Usability of Computer-Assisted Translation (CAT) for English-Indonesian Translation by using U-Dictionary

a. PSSUQ Questionnaire of Usability U-Dictionary by using SPSS version
 27

From the average results from tabel 4.2 Descriptive Statistic of Usability by SPSS verion 27 provided, several discussion can be drawn regarding user satisfaction with the usability application:

- a) Ease of Use for Accuracy in Translation (Average: 2.385): Users felt that the app was fairly easy to use and provided an adequate level of accuracy in translation. This score reflects user satisfaction with the ease of use of U-Dictionary as a translation tool, although there is still potential for improvement to further improve accuracy.
- b) Efficiency of App Usage (Average: 2.077): While users found the app efficient, there is room for further improvement. Overall, the app is adequate in meeting users' needs for translation and language learning.
- c) Satisfaction in Completing Tasks Quickly (Average: 2.000): Users felt that the app was fairly effective in helping them complete tasks quickly. However, with the average score being close to the lower end, this suggests that there are some areas where the app could be improved to further speed up the task completion process.
- d) Comfortable in Using the App (Average: 2.192): Users felt that U-Dictionary was fairly comfortable to use. The design of the app seemed fairly user-friendly, and did not present any significant

- difficulties. This convenience is an important aspect of a positive user experience.
- e) Ease of Learning the App (Average: 2,692): The highest score in this survey indicates that the app is very easy to learn, especially for new users. This is an indication that the app interface is well-designed, intuitive, and supports self-learning.
- f) Quick User Productivity (Average: 2,077): Users felt that the app helped them become productive fairly quickly. This shows that U-Dictionary is able to support increased user productivity, although there is still room for further optimization.

According to Wulandari & Handayani (2020) about U-dictionary it shows U-Dictionary has a positive influence as a learning aid, notably enhancing speaking abilities and extending vocabulary. Overall, the results of this survey indicate that U-Dictionary is positively rated by users in terms of ease of use, comfortbale, and ability to help complete tasks quickly. The app has an easy-to-learn interface.

b. Structured Interview of Usability U-Dictionary

The application ability to translate text via typing, voice input, and even by scanning text using the camera increases its versatility. This multimodal approach ensures that users can get translations in various contexts, making the process more seamless and integrated into their daily activities. The offline mode of U-Dictionary guarantees that users stay productive even in places with inadequate internet connections by enabling

them to access translations and dictionary features without requiring an internet connection. Users spend more time actually using the app for translation and learning because to its user-friendly design and simple navigation than they do learning how to use it in application U-Dictionary daily vocabulary, language tests, and video lessons are just a few of the learning resources available on the app, which is designed to help users increase their language skills gradually. Fast and entertaining, these tools are easy to incorporate into even the busiest of schedules. According to Tsabitha, et al (2024) by utilizing their mobile device, users can rapidly search for words or phrases they wish to translate with U-Dictionary.

c. Documentation of Usability U-Dictionary

The application generally meets user expectations, especially in terms of ease of use and effectiveness of the information provided. The clarity of error messages and the ease of recovery when errors occur are among the strengths of the application, allowing users to remain productive despite technical difficulties. In addition, the comfortable and aesthetic interface design also adds positive value, making users not only feel comfortable, but also satisfied with the functional capabilities offered by the application. The high score given to the aspect of ease of learning the application shows that the application has succeeded in creating a friendly experience for new users, which is very important in increasing user adoption and loyalty. Finally, the overall satisfaction that reached the highest score confirms that the application not only meets expectations.

CHAPTER V

CONCLUSION AND SUGGESTION

A. Conclusion

- 1. Availability by used U-Dictionary can be easily accessed via mobile devices, making it available to students anytime and anywhere. The app supports multiple languages, expanding the reach of users across language backgrounds. U-Dictionary offers a free version with basic features and a premium subscription option that provides additional features such as offline translation and in-depth explanations. This gives students the flexibility to choose according to their needs and budget.
- 2. Usability by used Ease of Use The intuitive interface and fast search feature make it easy for students to get translations instantly. Additional features such as word pronunciation and usage in sentences help in understanding the context of the translated word. U-Dictionary provides a variety of language learning tools, including vocabulary tests and usage tips, which are helpful for students in improving their language skills.

B. Suggestion

From the above research, some suggestions from the researcher were:

1. Even though it can help you with your translation, it is best to review the translation results again so that you can produce very accurate translation results.

2. This research is still not perfect, so the remember really hopes for suggestions for the perfection of this thesis. In addition, the researcher also expects the other researchers to be able to examine matters that are also related availability and usability when uses this application U-Dictionary as a tool for transaction.



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Strongly Agree

PSSUQ Questionner

Please rate the following statements:



Strongly Disagree

	Suongry rigide Suo			Tongly Disagree				
PSSUQ	1	2	3	4	5	6	7	N.A.
1. Do you accurate with how easy to use U-Dictionary as a tool translation overall?		<u></u>						
2. Is it efficiency to used that application?	. S	MU	HZ	100	1			
3. Is it statisfied to complete the task and quickly using this application?	212 		· S.	l A	10			
4. Do you feel comfortable used this application?					9	*		
5. Is it easy to learn using this application?						₹,		
6. Do you believed you could become productivity quickly using this application?	2	W	8			9		
7. Did the application give an error message that clearly told you how to fix problems?	STA	KA	MA) Pi	_{			
8. Could you recover easily and quickly whenever you make a mistake using this application?								
9. The information (such as online help, on-screen messages, and other documentation) provided								

clear.							
Cicai.							
10. Is it easy to find the information you needed?							
11. Was the information effective in helping you complete the tasks?							
12. Was the organization of information on the application screens clear?		<u>^</u>					
13. Was the interface of this application pleasant?		VI I					
14. Are you like using the interface of this application?	XK	A.S	S				
15. Does the application have all the function capabilities you expect it to have?					MAH	7	
16. Do you statisfied with the application overall?	Ý	35			*		

uestion 1 to 16: Overall

Question 1 to 6: System Usefulness (SYSUSE)

Question 7 to 12: Information Quality (INFOQUAL)

Question 13 to 16: Interface Quality (INTERQUAL)

Source: uiuxtrend.com

Results of PSSUQ (Post-Study System Usability Questionnaire)

Name: Student 1 (S)

Class: BG6A

Note: 1 (Usually Agree) 5 (Usually Disagree)

2 (Middle Agree) 6 (Middle Disagree)

3 (Strongly Agree) 7 (Strongly Disagree)

4 (Neutral) N.A (Without Description)

UIUX Trend

	n n					310		CIIO
PSSUQ	1	2	3	4	5	6	7	N.A.
1. Do you accurate with how easy to use U-Dictionary as a tool translation overall?			,			DH *		
2. Is it efficiency to used that application?		-				N. P.		
3. Is it statisfied to complete the task and quickly using this application?	<u></u>		0			10.		
4. Do you feel comfortable used this application?	STA	~	484					
5. Is it easy to learn using this application?		•						
6. Do you believed you could become productivity quickly using this application?		V						
7. Did the application give an error message that clearly told you how		~						

to fix problems?							
8. Could you recover easily and quickly whenever you make a mistake using this application?		V					
9. The information (such as online help, on-screen messages, and other documentation) provided with this system was clear.		<u></u>	~				
10. Is it easy to find the information you needed?	s	МL	~				
11. Was the information effective in helping you complete the tasks?	XK	1	S	14	70	1//	
12. Was the organization of information on the application screens clear?		-				NH	
13. Was the interface of this application pleasant?	Ų	•				*	
14. Are you like using the interface of this application?	7/1	V				WELL.	
15. Does the application have all the function capabilities you expect it to have?		~					
R. Do you statisfied with the application overall?	STA	KA	V		=		

stion 1 to 16: Overall

Question 1 to 6: System Usefulness (SYSUSE)

Question 7 to 12: Information Quality (INFOQUAL)

Question 13 to 16: Interface Quality (INTERQUAL)

Source: uiuxtrend.com

Results of PSSUQ (Post-Study System Usability Questionnaire)

Name: Student 2 (IN)

Class: BG6A

Note: 1 (Usually Agree) 5 (Usually Disagree)

2 (Middle Agree) 6 (Middle Disagree)

3 (Strongly Agree) 7 (Strongly Disagree)

4 (Neutral) N.A (Without Description)

UIUX Trend

		BELL S	ABT.		-		\wedge	CIIU
PSSUQ	ıΚ	2	3	4	5	6	7	N.A.
1. Do you accurate with how easy to used U- Dictionary as a tool translation overall?			•			<u>-</u>		
2. Is it efficiency to used that application?		>				X		
3. Is it statisfied to complete the task and quickly using this application?		1		/ ".	9	$V_{L(g)}$		
4. Do you feel comfortable used this application?	STA	KA	VII.	OA ^N	\$\sigma\)			
5. Is it easy to learn using this application?		V						
6. Do you believe you could become productivity quickly using this application?		V						
7. Did the application give an error message that clearly told you how to fix problems?		~						

8. Could you recover easily and quickly whenever you make a mistake using this application?		V					
9. The information (such as online help, on-screen messages, and other documentation) provided with this system was clear.		V					
10. Is it easy to find the information you needed?		~					
11. Was the information effective in helping you complete the tasks?	S	~	HA	MA			
12. Was the organization of information on the application screens clear?	11	١), ,//,	4	7 0/		
13. Was the interface of this application pleasant?		~			•	Ξ	
14. Are you like using the interface of this application?	J.	~				\ \ =	
15. Does the application have all the function capabilities you expect it to have?		ψ,	-		8		
16. Do you statisfied with the application overall?	- Ст.	~		index	: [©] /	/	

Question 1 to 16: Overall

Question 1 to 6: System Usefulness (SYSUSE)

Question 7 to 12: Information Quality (INFOQUAL)

Question 13 to 16: Interface Quality (INTERQUAL)

Source: uiuxtrend.com

Results of PSSUQ (Post-Study System Usability Questionnaire)

Name: Student 3 (DJ)

Class: BG6A

Note: 1 (Usually Agree) 5 (Usually Disagree)

2 (Middle Agree) 6 (Middle Disagree)

3 (Strongly Agree) 7 (Strongly Disagree)

4 (Neutral) N.A (Without Description)

UIUX Trend

								OIIO
PSSUQ	ųΚ	2	3	4	5	6	7	N.A.
1. Do you accurate with how easy to used U- Dictionary as a tool translation overall?			V			2		
2. Is it efficiency to used that application?		~				X		
3. Is it statisfied to complete the task and quickly using this application?		•			8	V.		
4. Do you feel comfortable used this application?	STA	Y A	AN.	in _{AC}	· /			
5. Is it easy to learn using this application?		~						
6. Do you believe you could become productivity quickly using this application?		V						
7. Did the application give an error message that clearly told you how to fix problems?		~						

8. Could you recover easily and quickly whenever you make a mistake using this application?		V					
9. The information (such as online help, on-screen messages, and other documentation) provided with this system was clear.		V					
10. Is it easy to find the information you needed?			~				
11. Was the information effective in helping you complete the tasks?	S	V	HA	MA		la.	
12. Was the organization of information on the application screens clear?	11/	~	A.	۱۴	90,		
13. Was the interface of this application pleasant?		~			•	=	
14. Are you like using the interface of this application?	N.	v			Š	X	
15. Does the application have all the function capabilities you expect it to have?		Th'	~		S.	P.LIG.	
16. Do you statisfied with the application overall?	<u> </u>	~		index	* /	/	

Q

uestion 1 to 16: Overall

Question 1 to 6: System Usefulness (SYSUSE)

Question 7 to 12: Information Quality (INFOQUAL)

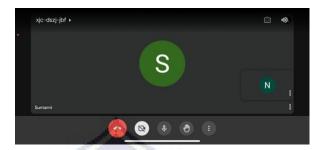
Question 13 to 16: Interface Quality (INTERQUAL)

Source: uiuxtrend.com

Interview Scripts

Script 1

Student 1



22.15 Researcher : Assalamualaikum wr.wb,hi dek

22.15 Students : Waalaikumsalam kak

22.16 Researcher : Maaf mengaganggu waktunya, I would like to conduct an

interview based on experience by using U-Dictionary as a

tool translation, the first queation "Do you accurate with

how easy to used U-Dictionary as a tool translation

overall?".

22.17 Student : Strongly Agree, because the entire U-Dictionary

very good and easy to use when translate a text, prhase or

paragraph.

22.18 Researcher : "Is it efficiency to use that application?"

22.19 Student : Agree, because efficiency it was helpful enough to translate

22.20 Researcher : "Is it statiesfied to complete the task and quickly used

this application?"

22.20 Student : Agree, because I feel could help when I had a task that had

little time.

22.21 Researcher : "Do you feel comfortable using this application?"

22.22 Student : Agree, because this application have many features.

22.23 Researcher : "Is it easy to learn using this application?"

22.24 Student : Agree, because this application user friendly.

22.24 Researcher : "Do you believe you could become productivity quickly

using this application?"

22.25 Student	: Agree, because make me quickly to complete my task.
22.26 Researcher	: "Did the application give an error message that clearly told
	you how to fix problems?"
22.27 Student	: Agree, because this application give me an error message
	when process translate.
22.28 Researcher	: "Could you recover easily and quickly whenever you make a
	mistake using this application?"
22.29 Student	: Agree, because whenever there is a missplled word or
	sentence this application immediately gives the correct word
	or sentence.
22.29Researcher	:"The information(such as online help,on-screen messages,and
	other documentation) provided with this system was clear?"
22.30 Student	: Agree, because this application always give me solution and
	free to choose which features we would like to use
	translating word or sentence.
22.31 Researcher	: "Is it easy to find the information you needed?"
22.32 Student	: Strongly Agree, because this application quuickly to find
	solution.
22.33 Researcher	: "Was the information effective in helping you complete the
	tasks?"
22.34 Student	: Strongly Agree, this apllication effective complete the task
	because the U-Dictionary have features dictonary offline
	without internet can be access.
22.35 Researcher	: "Was the organization of information on the application
	screens clear?"
22.36 Student	: Agree,this applicaion clearly about platform and features.
22.37 Researcher	: 'Was the interface of this application pleasent?"
22.38 Student	: Agree, using this application someday make feel pleasent
	when some features can explain about the task on clearly.
22.39 Researcher	, , , , , , , , , , , , , , , , , , , ,
22.40 Student	: Agree,I like

22.41 Researcher :"Does the application have all the function capabilities you

expect it to have?"

22.42 Student : Agree,I hope this application as time goes on it may add to

the function of features because that are very helpful.

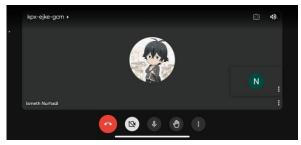
22.43 Researcher : "Do you statisfied with the application overall?"

22.44 Student : Strongly Agree,I feel statisfied



Script 2

Student 2



12.47 Researcher : Assalamualaikum wr.wb,halo dek

12.48 Students : Waalaikumsalam kak

12.49 Researcher : Maaf mengaganggu waktunya, I would like to conduct an

interview based on experience by using U-Dictionary as a

tool translation,the first queation "Do you accurate with

how easy to used U-Dictionary as a tool translation

overall?".

12.50 Student : Agree, because U-Dictionary application is easy to used

when translating text or paragraph.

12.51 Researcher : "Is it efficiency to use that application?"

12.52 Student : Agree, because U-Dictionary is designed to offer efficient

translation and dicionary service.

12.53 Researcher : "Is it statiesfied to complete the task and quickly used

this application?"

12.54 Student : Agree, because can be quite effective for quickly complete

the task.

12.55 Researcher : "Do you feel comfortable using this application?"

12.56 Student : Agree, because this application have many features for

language skill.

12.57 Researcher : "Is it easy to learn using this application?"

12.58 Student : Agree, because these features can make it easier and more

efficient ro learn and practice.

12.59 Researcher : "Do you believe you could become productivity quickly

using this application"?

13.00 Student	: Agree, because make me quickly to complete my task.
13.01 Researcher	: "Did the application give an error message that clearly told
	you how to fix problems?"
13.02 Student	: Agree, because this application it usually includes a brief
	describe of the issue and possible solution.
13.03 Researcher	: "Could you recover easily and quickly whenever you make a
	mistake using this application?"
13.04 Student	: Agree, because can edit input text, prhase and sentence try
	again.
13.05Researcher	:"The information(such as online help,on-screen messages,and
	other documentation) provided with this system was clear?"
13.06 Student	: Agree, because of information provided by U-Dictionary
	Spesific and helpfull.
13.07 Researcher	: "Is it easy to find the information you needed?"
13.08 Student	: Agree, because easy to find what I needed.
13 09 Researcher	: "Was the information effective in helping you complete the
	tasks?"
13.10 Student	: Agree, effective complete the task because the U-Dictionary
	have features dictonary offlen without internet it can be
	access.
13.11 Researcher	: "Was the organization of information on the application
	screens clear.
13.12 Student	: Agree,this applicaion clearly about platform and features.
13.13 Researcher	: 'Was the interface of this application pleasent?"
13.14 Student	: Agree,the interface of U-Dictionary can be subjective.
13.15 Researcher	: "Are you like using the interface of this application?"
13.16 Student	: Agree,I like because user friendly.
13.17 Researcher	:"Does the application have all the function capabilities you
	expect it to have?"
13.18 Student	: Agree,I hope this it may add to many the function of
	features.

13.19 Researcher : "Do you statisfied with the application overall?"

13.20 Student : Strongly Agree,I feel statisfied overall.



Script 3

Student 3



14.11 Researcher : Assalamualaikum wr.wb dek

14.12 Students : Waalaikumsalam kak

14.13 Researcher : Maaf mengaganggu waktunya, I would like to conduct an

interview based on experience by using U-Dictionary as a

tool translation, the first queation "Do you accurate with

how easy to used U-Dictionary as a tool translation

overall?".

14.15 Student : Strongly Agree, easy to use U-Dictionary and easy to

understand to me.

14.16 Researcher : "Is it efficiency to use that application?"

14.17 Student : Agree, these complete a task quickly

14.19 Researcher : "Is it statiesfied to complete the task and quickly used

this application?"

14.20 Student : Agree, yes staties fied because quickly and obtained

14.22 Researcher : "Do you feel comfortable using this application?"

14.24 Student : Agree, yes I'm comfortbale using this application.

14.25 Researcher : "Is it easy to learn using this application?"

14.26 Student : Strongly Agree, easy to learn and easy to understand to

using this application.

14.27 Researcher : "Do you believe you could become productivity quickly

using this application?"

14.28 Student : Agree, quickly to complete my task.

14.29 Researcher : "Did the application give an error message that clearly told

you how to fix problems?"

14.30 Student : Agree, U-Dictionary provided error message to clearly. : "Could you recover easily and quickly whenever you make a 14.31 Researcher mistake using this application?" : Agree,user can input again text or sentence 14.32 Student 14.33Researcher :"The information(such as online help,on-screen messages,and other documentation) provided with this system was clear?" 14.34 Student : Agree, because of information provided by U-Dictionary it's clearly. : "Is it easy to find the information you needed?" 14.35 Researcher : Agree, because easy to find what I needed. 14.36 Student 14.37 Researcher : "Was the information effective in helping you complete the tasks?" 14.38 Student : Strongly Agree, effective in helping user complete task. : "Was the organization of information on the application 14.39 Researcher screens clear?" 14.40 Student : Agree, the information on the screen is clearly. : 'Was the interface of this application pleasent?" 14.41 Researcher : Agree, the interface of U-Dictionary can be subjective. 14.42 Student 14.43 Researcher : "Are you like using the interface of this application?" 14.44 Student : Agree,I like because user friendly. 14.45 Researcher :"Does the application have all the function capabilities you expect it to have?" 14.46 Student : Strongly Agree, I hope this it may add to many the function of features. 14.47 Researcher : "Do you statisfied with the application overall?" 14.48 Student : Agree, yes statisfied because quickly and obtained.

Appendices 4

Result of translation Team work efficiency

The first team work

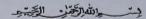


The second team work



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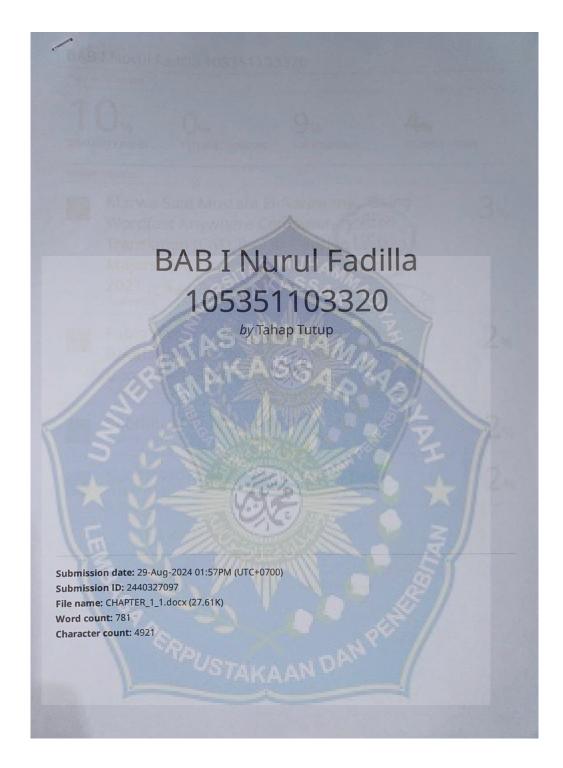
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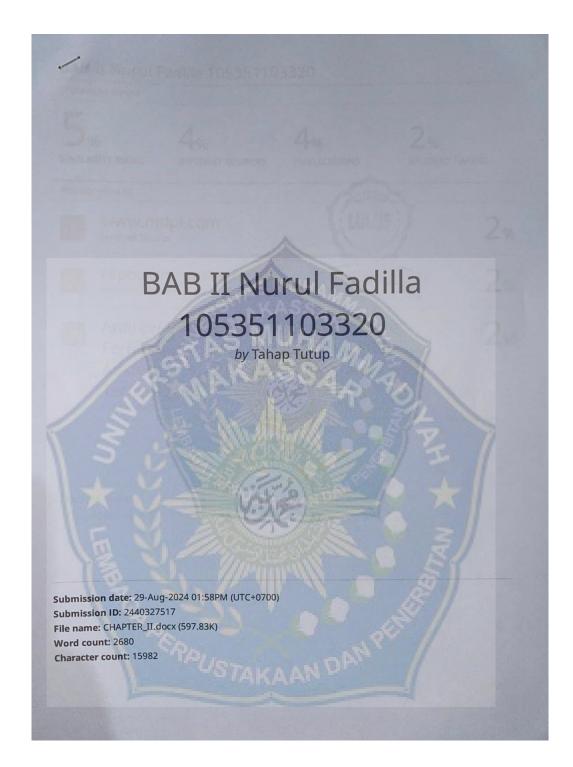
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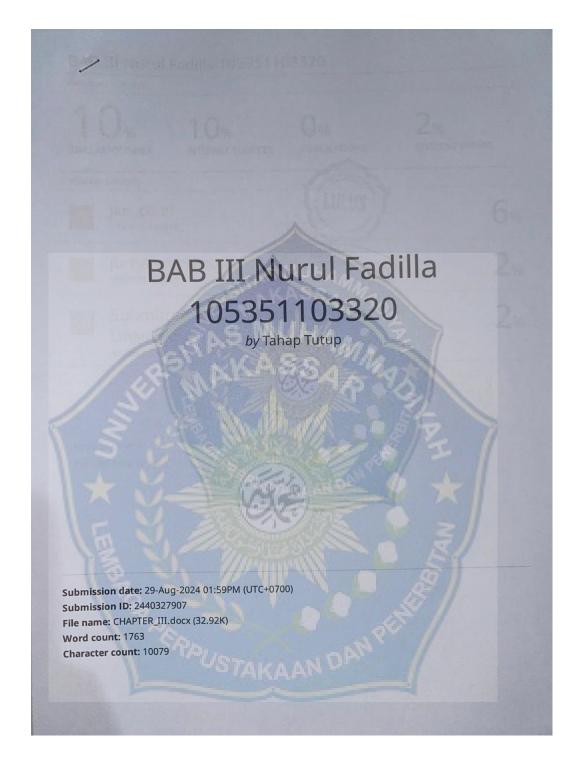
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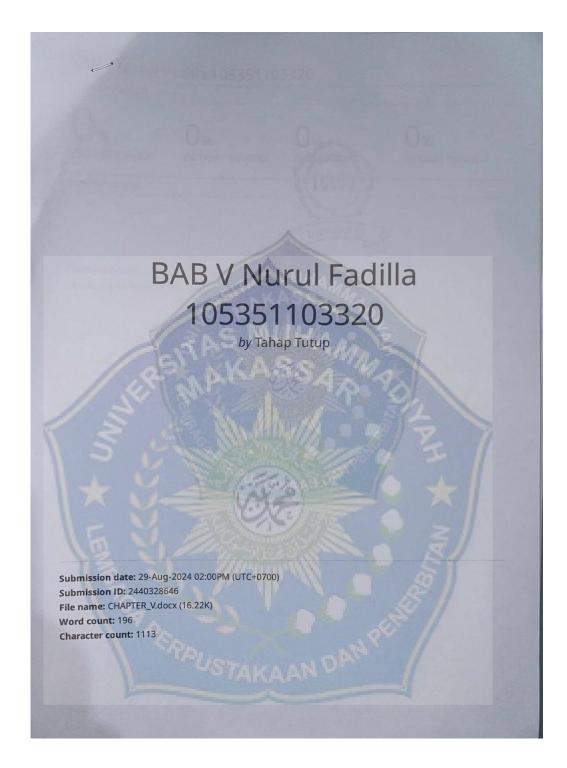


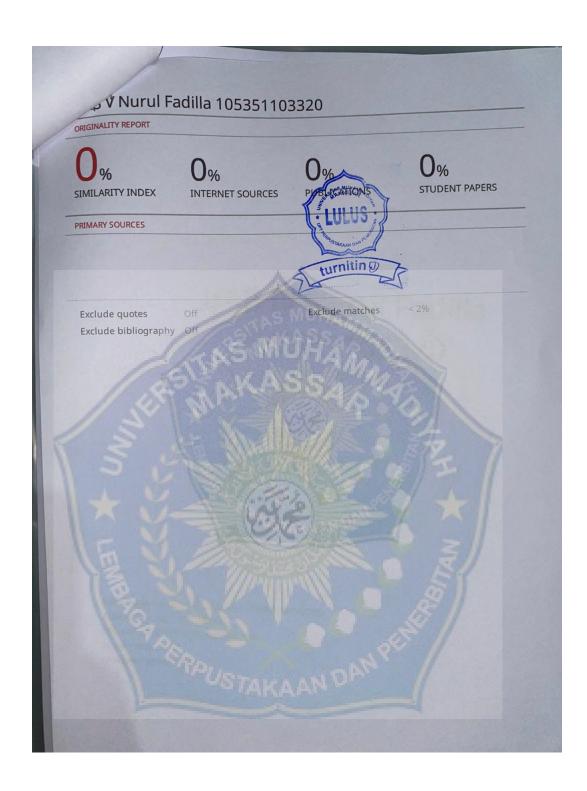




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: NURUL FADILLA No. Stambuk : 10535 1103320

Fakultas : Fakultas Keguruan dan Ilmu Pendidikan

Jurusan : Pendidikan Bahasa Inggris

Pekerjaan : Mahasiswa

Bermaksud melaksanakan penelitian/pengumpulan data dalam rangka penulisan

Skripsi dengan judul:

"INVESTIGATING THE AVAILABILITY AND USABILITY OF U-DICTIONARY AS A TOOL FOR ENGLISH-INDONESIA TRANSLATION OF COMPUER-ASSISTED TRANSLATION (CAT)"

Yang akan dilaksanakan dari tanggal 19 Juli 2024 s/d 19 September 2024.

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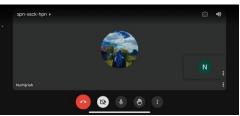


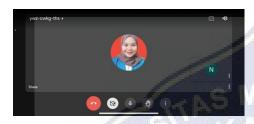




APPENDICES 11 DOKUEMNTASI SAAT MENELITI

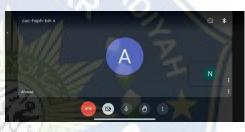






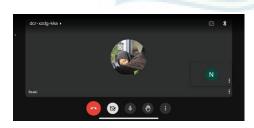


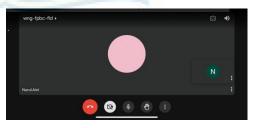
















CURRICULUM VITAE



Nurul Fadilla was born on January 22, 2002, in Makassar. She is the first child of Mr Haryono and Mrs Nurlina. She took her first education at TK Beringin, then continued at SDN 25 Panaikang in 2009. Furthermore, the author continued her education at SMPN 1 Bissappu in 2014 and at SMKN 3 Bantaeng in 2017 then graduated in 2020. The author continued her bachelor's degree in English Education Department of Faculty of Teacher Training and Education at Universitas Muhammadiyah Makassar. During the education

process, the author has a motto which is "Let Your Dreams be Bigger than You Fears, and Your Actions Louder than Your Words. ~Chanyeol. From these motto, the author believes that everything that happens in life issomething we can do, even though we have to go through various obstacles. This is what became one of the author's handles so that she could complete her thesis in 2024 with the title "Investigating the Availability and Usability of U-Dictionary As A Tool for English-Indonesian Translation of Computer-Assisted Translation (CAT)".

