THE EFFECTIVENESS OF CAKAP ARTIFICIAL INTELLEGENCE (AI) APPLICATION TOWARD STUDENTS SPEAKING SKILL
(A Study On XI Grade Students Of MAN 2 Kota Bengkulu in Academic 2023/2024)

THESIS

Submitted as A Partial Requirement for the degree of Sarjana
in English Education Study Program

Arranged By :

AFRINDI SAMANANG
SRN. 1911230097

**STUDY PROGRAM OF ENGLISH EDUCATION
TARBIYAH AND TADRIS FACULTY
FATMAWATI SUKARNO STATE ISLAMIC
UNIVERSITY OF BENGKULU
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2024**

ADVISORS SHEET

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To : The Dean of Tarbiyah and Tadris Faculty

UIN Fatmawati Sukarno Bengkulu

In Bengkulu

Assalamu'alaikum Wr. Wb

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NIM : 1911230097

Title : THE EFFECTIVENESS OF CAKAP ARTIFICIAL INTELLEGENCE (AI) APPLICATION TOWARD STUDENTS SPEAKING SKILL (A Study On XI Grade Students Of MAN 2 Kota Bengkulu in Academic 2023/2024).

Has fulfilled the requirements to be present before the examiner in the thesis exam. Thank you for the attention.

Wassalamu'alaikum Wr. Wb

Bengkulu, 2023

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RATIFICATION

This is to certify the thesis entitled: **The Effectiveness Of Cakap Artificial Intellegence (AI) Application Toward Students Speaking Skill (A Study On XI Grade Students Of MAN 2 Kota Bengkulu in Academic 2023/2024**, by Afrindi Samanang, NIM. 1911230097. Has been defended in front of the Board of Thesis Examiners of the Faculty of Tarbiyah and Tadris UIN Fatmawati Sukarno Bengkulu on Wednesday, 24 Januari 2024. Has been approved by the board of thesis examiners as the requirement for the degree of Sarjana in English Education Program

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PRONOUNCEMENT

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Nim : 1911230097

Study Program : English Education Study Program

Faculty : Tarbiyah and Tadris Faculty

I hereby sincerely state that the thesis titled "The Effectiveness Of Cakap Artificial Intellegence (Ai) Application Toward Students Speaking Skill (A Study On Xi Grade Students Of Man 2 Kota Bengkulu In Academic 2023/2024)" is my real masterpiece. The things out of my masterpiece this thesis are signed by citation and referred in the bibliography. If later proven that my thesis has discrepancies, I am willing to take the academic sanctions in the form of reapeling my thesis and academic degree.

Bengkulu,   2024

Stated by

Afrindi Samanang
1911230097

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Program   : Tadris Bahasa Inggris

Judul Skripsi   : The Effectiveness Of Cakap Artificial Intellegence (Ai) Application Toward Students Speaking Skill (A Study On Xi Grade Students Of Man 2 Kota Bengkulu In Academic 2023/2024)

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MOTTO

إِنَّ مَعَ ٱلْعُسَّرِ يُسَّرًا

6. sesungguhnya sesudah kesulitan itu ada kemudahan.

(Q.S. Al Nasiroh: 6)
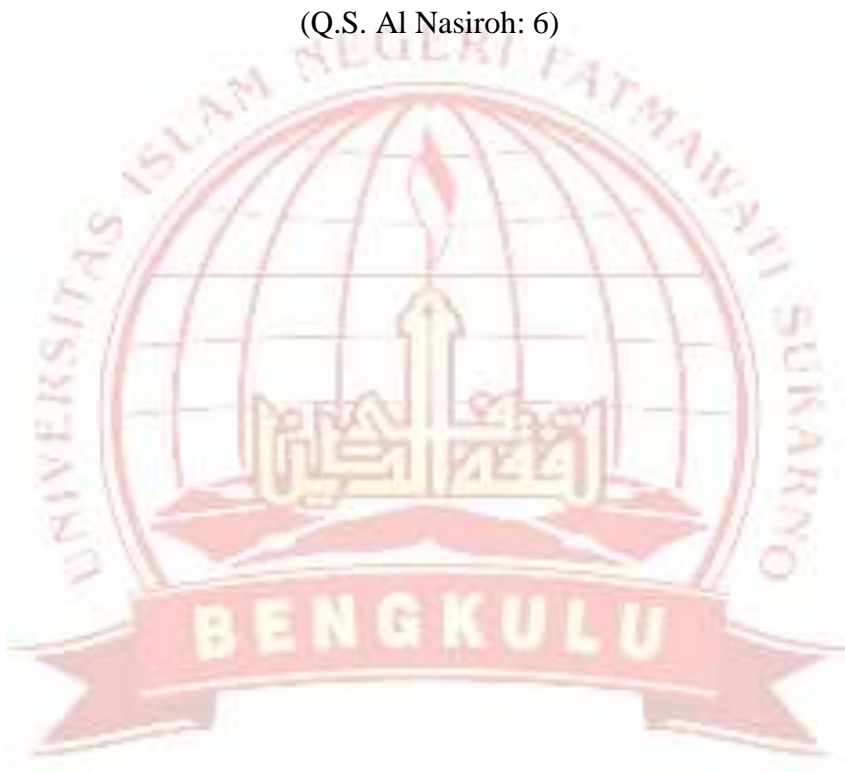
DEDICATION

I dedicate this thesis to

1. I especially dedicate it to my beloved parents, my father and mother, who have prayed for me, given me an incomparable spirit of love, may Allah always bless our lives.
2. For my brother and sister, thank you for always supporting me and may allah always bestow his grace and favor and always be protected by allah.
3. My extended family, both from the father's side and the mother's side, thank you for supporting me, giving semanggat and even helping me a lot in terms of material, lessons, advice and motivation, which cannot be mentioned one by one from the time I was a toddler until I grew up like today, and always love me, may allah always protect us all, may allah reward the goodness of all of you, people who are angels.
4. Friends from elementary school, junior high school, high school and friends in the Class of 2019, who cannot be mentioned one by one, thank you for your support and cooperation, I will never forget your kindness, may we all be successful.
5. My almamater, UINFAS Bengkulu, which has become an institution that changes my mindset, attitude and personality.

ABSTRACT

Thesis, Afrindi Samanang, NIM. 1911230097, 2024. with the title **"" The Effectiveness Of Cakap Artificial Intellegence (AI) Application Toward Students Speaking Skill (A Study On XI Grade Students Of MAN 2 Kota Bengkulu in Academic 2023/2024 "**.English Education Study Program, Faculty of Tarbiyah and Tadris, UINFAS Bengkulu.

The objectives of this study were to find out the effectiveness of Cakap application of Proficiency AI on Students' Speaking Skills On XI Grade Students Of MAN 2 Kota Bengkulu in Academic 2023/2024. The type of research used is quantitative research using a quasi-experimental or experimental method approach. In this study, the sample used in this study amounted to 48 students. So the sample in this study were 24 students in class A (experimental), and 24 students in class B (control). Several primary data collection techniques are used, namely through: observation, test, and documentation. Based on the experimental results, it is known that there is a significant difference between the scores of the experimental class taught using the AI Cakap App and the control class not taught using the AI Cakap App. The students in the experimental class were able to improve their speaking skills significantly. The mean post-test score in the experimental class was 72.58 and the control class was 60.58. Statistical analysis using SPSS showed that the R square value was 0.626 with an alpha level of 5% (0.05). The sig value. 0.626 is greater than 0.05 (0.626 > 0.05). It can be concluded that the alternative analysis hypothesis (H2) is accepted and the null hypothesis (Ho) is rejected. Finally, the researcher concluded that the use of Cakap AI Application has a significant effect on students' speaking ability in class XI students of MAN 2 Bengkulu City.

Keyword: Cakap, Artificial Intellegence (AI), Speaking Skill

ABSTRAK

Skripsi, Afrindi Samanang, NIM. 1911230097, 2024. dengan judul "Efektivitas Penerapan Kecerdasan Buatan (AI) Cakap Terhadap Keterampilan Berbicara Siswa (Studi Pada Siswa Kelas XI MAN 2 Kota Bengkulu Tahun Ajaran 2023/2024". Program Studi Pendidikan Bahasa Inggris, Fakultas Ilmu Tarbiyah dan Keguruan, UINFAS Bengkulu.

Penelitian ini bertujuan untuk mengetahui efektivitas penerapan Cakap terhadap Keterampilan Berbicara Siswa pada Siswa Kelas XI MAN 2 Kota Bengkulu Tahun Ajaran 2023/2024. Jenis penelitian yang digunakan adalah penelitian kuantitatif dengan menggunakan pendekatan metode kuasi eksperimen atau eksperimen semu. Dalam penelitian ini, sampel yang digunakan dalam penelitian ini berjumlah 48 siswa. Jadi sampel dalam penelitian ini adalah 24 siswa di kelas A (eksperimen), dan 24 siswa di kelas B (kontrol). Beberapa teknik pengumpulan data primer yang digunakan, yaitu melalui: observasi, tes, dan dokumentasi. Berdasarkan hasil eksperimen, diketahui bahwa terdapat perbedaan yang signifikan antara nilai kelas eksperimen yang diajar dengan menggunakan Aplikasi AI Cakap dengan kelas kontrol yang tidak diajar dengan menggunakan Aplikasi AI Cakap. Para siswa di kelas eksperimen mampu meningkatkan kemampuan berbicara mereka secara signifikan. Nilai rata-rata post-test di kelas eksperimen adalah 72,58 dan kelas kontrol adalah 60,58. Analisis statistik menggunakan SPSS menunjukkan bahwa nilai R square adalah 0,626 dengan tingkat alpha 5% (0,05). Nilai sig. 0,626 lebih besar dari 0,05 (0,626 > 0,05). Dapat disimpulkan bahwa hipotesis analisis alternatif (H2) diterima dan hipotesis nol (Ho) ditolak. Akhirnya, peneliti menyimpulkan bahwa penggunaan Aplikasi AI Cakap berpengaruh signifikan terhadap kemampuan berbicara siswa pada siswa kelas XI MAN 2 Kota Bengkulu.

Kata kunci: Cakap, Kecerdasan Buatan (AI), Keterampilan Berbicara

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In writing this thesis, the author received a lot of help and guidance from the supervisor and all those who have provided assistance sincerely, so on this occasion the author expresses his deepest gratitude to the honorable:

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7. All parties who have helped write this thesis which cannot be mentioned one by one. The hope of writing anywhere and anytime is that the silaturrahmi rope continues to run well.

The author is only able to pray and hope that those who have contributed are always given grace and grace by Allah SWT. With all humility and realization that this thesis is far from perfect, but let the author hope that this thesis can be useful and beneficial for the development of science and other interests.

Bengkulu, ... 2024

Afrindi Samanang
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