



**THE EFFECTIVENESS OF DUOLINGO APPLICATION FOR  
TEACHING VOCABULARY TO THE TENTH GRADE STUDENTS OF  
SMK NEGERI 1 KUDUS IN THE ACADEMIC YEAR 2023/2024**

**Skripsi**

**Disusun untuk Memperoleh Gelar Sarjana Pendidikan**

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**MURIA KUDUS UNIVERSITY**

**2024**



**The Effectiveness of Duolingo Application for Teaching Vocabulary to The  
Tenth Grade Student of SMK Negeri 1 Kudus in The Academic Year  
2023/2024**



**SKRIPSI**

**Presented to the University of Muria Kudus in Partial to the Requirements  
for Completing the Sarjana Program in the English Education Department**

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2024**

## MOTTO AND DEDICATION

### **Motto:**

“Brave doesn’t mean you’re not scared. It means you go on even though you’re scared.” – Angie Thomas, *The Hate U Give*

### **Dedication:**

1. To myself for achieving all this.
2. My parents who have supported and prayed for me.
3. My friends who always help, remind and support in completing this research.

## ADVISOR'S APPROVAL

This is to certify that the Skripsi of Alfian Ahmad Saputra (201932097) has been approved by the skripsi advisors for further approval by the Examining Committee.

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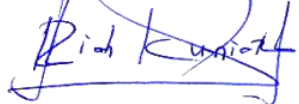
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Demak, 1 January 2024

The Researcher

**Alfian Ahmad Saputra**



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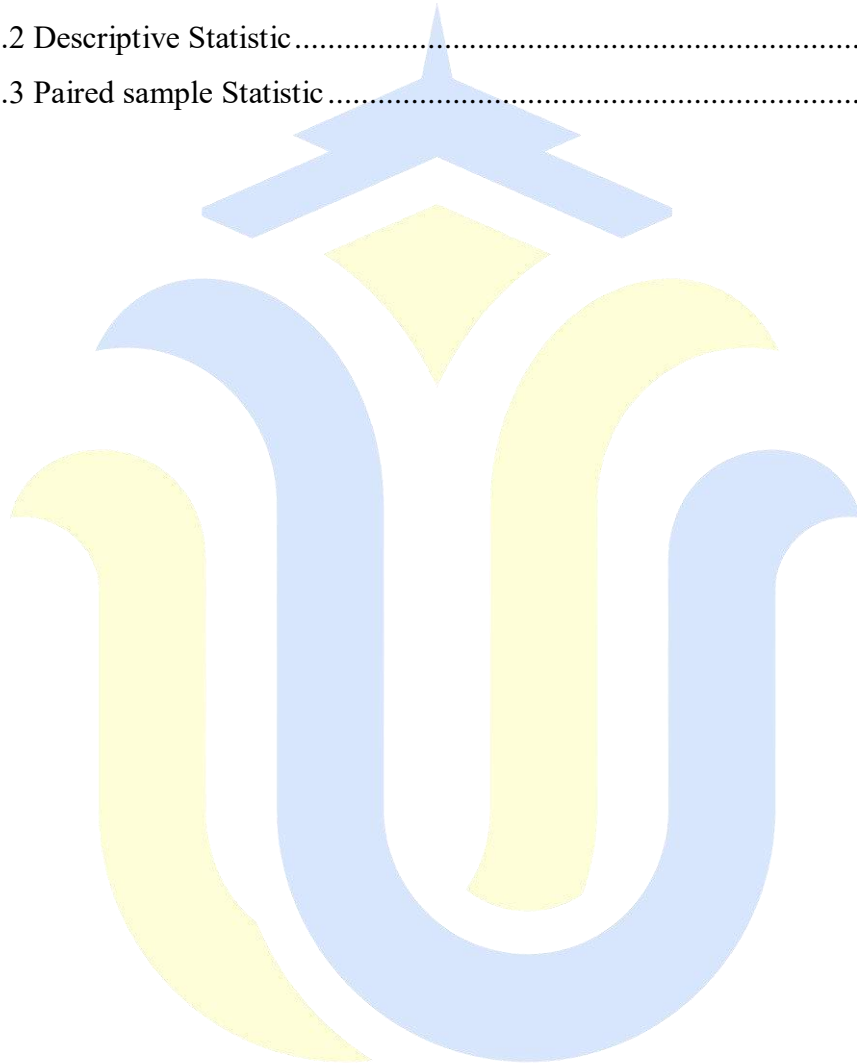
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## ABSTRAK

Saputra, Alfian Ahmad. 2023. "Efektivitas Aplikasi Duolingo untuk Mengajarkan Kosakata pada Siswa Kelas XI SMK Negeri 1 Kudus Tahun Pelajaran 2023/2024". Skripsi. Program Studi Pendidikan Bahasa Inggris, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Muria Kudus. Pembimbing: (1) Dr. Diah Kurniati, S.Pd, M.Pd (2) Rusiana, S.Pd., M.Pd.

Kata Kunci: Kosa kata, Duolingo, Pengajaran

Dalam belajar bahasa Inggris, mengetahui kosakata sangatlah penting. Bagaimana bahasa Inggris diajarkan kepada siswa sebagai bahasa global telah menjadi subjek dari banyak penelitian. Meskipun bahasa Inggris adalah bahasa universal, beberapa negara masih memiliki larangan untuk mengajarkan bahasa Inggris sebagai bahasa asing.

Masalah dari penelitian ini adalah apakah penggunaan Duolingo untuk mengajarkan kosakata kepada siswa kelas sepuluh di SMK Negeri 1 Kudus pada tahun ajaran 2023/2024 memberikan perbedaan yang signifikan dalam pembelajaran kosakata. Penelitian ini menggunakan aplikasi Duolingo sebagai alat bantu pengajaran kosakata untuk siswa kelas sepuluh di SMK Negeri 1 Kudus untuk menemukan perbedaan kosakata yang signifikan antara sebelum dan sesudah.

Penelitian ini merupakan penelitian eksperimental dengan satu kelompok pretest dan posttest. Penelitian ini mengeksplorasi perbedaan kosakata siswa sebelum dan sesudah diajar menggunakan Duolingo. Hanya satu kelas dalam penelitian ini yang menjadi responden yang menerima perlakuan sebagai bagian dari desain ini.

Nilai sig (2-tailed) yang diperoleh adalah 0.00, yaitu kurang dari 0.05, oleh karena itu terdapat perbedaan yang signifikan. Hasilnya, hipotesis alternatif ( $H_a$ ) diterima dan hipotesis nol ( $H_0$ ) ditolak, terdapat perbedaan antara kedua nilai tersebut. Hal ini membuktikan bahwa Duolingo efektif untuk mengajarkan kosakata untuk siswa kelas sepuluh di SMK Negeri 1 Kudus.

Df (Derajat Kebebasan) yang ditemukan adalah 35 dengan nilai signifikansi ( $\alpha/2$ ) sebesar 0,05/2 adalah 0,025. Nilai t-tabel adalah 2030. Nilai t hitung (14,373) lebih tinggi dari t tabel (2030). Nilai sig (2-tailed) menunjukkan sig (0,000) lebih rendah dari sig  $\alpha$  (0,05). Hal ini berarti ( $H_a$ ) diterima dan pengajaran menggunakan Duolingo lebih efektif dibandingkan dengan metode konvensional.

## ABSTRACT

Saputra, Alfian Ahmad. 2023. "The Effectiveness of Duolingo Application for Teaching Vocabulary to the Tenth Grade Students of SMK Negeri 1 Kudus in the Academic Year 2023/2024". Skripsi. English Education Department, Teacher Training and Education Faculty, Muria Kudus University. Advisor: (1) Dr. Diah Kurniati, S.Pd, M.Pd (2) Rusiana, S.Pd., M.Pd.

Keyword: Vocabulary, Duolingo. Teaching.

For learning English, knowing vocabulary is very important. How English is being taught to students as a global language has been the subject of many studies. Although English is a universal language, some countries still have prohibitions on teaching English as a non-native language.

The problem of this research is if the use of Duolingo to teach vocabulary to tenth grade students at SMK Negeri 1 Kudus in the 2023/2024 academic year gives a significant difference in vocabulary learning. This study is using Duolingo application as a vocabulary teaching tool for tenth grade students at SMK Negeri 1 Kudus to find a significant difference in vocabulary between before and after.

This is an experimental study with one group pretest and posttest. This study explores the difference in students' vocabulary before and after being taught using Duolingo. Only one class in this study as respondents received the treatment as part of this design.

The sig (2-tailed) value obtained is 0.00, which is less than 0.05, therefore there is a significant difference. As a result, the alternative hypothesis ( $H_a$ ) is accepted and the null hypothesis ( $H_0$ ) is rejected, there is a difference between the two values. It is proved that Duolingo is effective to teach vocabulary for tenth grade students at SMK Negeri 1 Kudus.

Df (Degrees of Freedom) found 35 with a significance value ( $\alpha/2$ ) of 0.05/2 is 0.025. The t-table value is 2030. The t-test value (14.373) is higher than the t-table (2030). The sig value (2-tailed) shows sig (0.000) lower than sig  $\alpha$  (0.05). This means that ( $H_a$ ) is accepted and teaching using Duolingo is more effective than the conventional method.