



**A SMARTPHONE-BASED ADAPTIVE LEARNING
APPROACH TO ENHANCE STUDENT'S LEARNING
OUTCOMES IN ENGLISH SUBJECT**

THESIS

**Submitted as Partial Fulfillment of the Requirement for the
Degree of Sarjana Pendidikan (S.Pd)**

By

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2017850059

**ENGLISH EDUCATION STUDY PROGRAM
FACULTY OF EDUCATIONAL SCIENCES
MUHAMMADIYAH UNIVERSITY OF JAKARTA**

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FACULTY OF EDUCATIONAL SCIENCES

ENGLISH EDUCATION STUDY PROGRAM

Thesis, August 2021

Farhani Rahma Maulida (2017850059)

**A Smartphone-Based Adaptive Learning Approach to Enhance
Students' Learning Outcomes in English Subjects**

xvii + 60 pages, 11 tables, 2 figures, 6 appendices

ABSTRACT

The purpose of this study was to improve student learning outcomes through a smartphone-based adaptive learning approach to 28 students from the 11th grade of SMK Muhammadiyah 1 Ciputat in the 2020/2021 academic year. The method used in this study is a quantitative method with a pre-experimental design and data collection was carried out by providing a pre-test and post-test to students as an instrument. The results of this study were analyzed using the t-test by comparing the mean values of the pre-test and post-test. The results showed that the t-observation value (7.8) was higher than the t-table value (1.70562) at the 5% significance level, it can be concluded that the null hypothesis (H0) is rejected and the alternative hypothesis (H1) is accepted or it means that the learning approach adaptive smartphone-based improve student learning outcomes in English subjects.

Keywords: Adaptive Learning, Smartphone, English Subject.

References 27 (2011-2020)

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FAKULTAS ILMU PENDIDIKAN

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Skripsi, Agustus 2021

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Pendekatan Pembelajaran Adaptif Berbasis Ponsel Pintar untuk Meningkatkan Hasil Belajar Siswa dalam Mata Pelajaran Bahasa Inggris

xvii + 60 halaman, 11 tabel, 2 gambar, 6 lampiran

ABSTRAK

Tujuan penelitian ini adalah untuk meningkatkan hasil belajar siswa melalui pendekatan pembelajaran adaptif berbasis smartphone pada 28 siswa kelas XI SMK Muhammadiyah 1 Ciputat tahun pelajaran 2020/2021. Metode yang digunakan dalam penelitian ini adalah metode kuantitatif dengan desain pra eksperimen dan pengumpulan data dilakukan dengan memberikan instrumen pre-test dan post-test kepada siswa. Hasil penelitian ini dianalisis menggunakan uji-t dengan membandingkan nilai rata-rata dari tes awal dan tes akhir. Hasil penelitian menunjukkan bahwa nilai t-observasi (7,8) lebih tinggi dari nilai t-tabel (1,70562) pada taraf signifikansi 5%, dapat disimpulkan bahwa hipotesis nol (H_0) ditolak dan hipotesis alternatif (H_1) diterima atau berarti pendekatan pembelajaran adaptif berbasis smartphone meningkatkan hasil belajar siswa pada mata pelajaran bahasa Inggris.

Keywords: Pembelajaran adaptif, Ponsel Pintar, Mata Pelajaran Bahasa Inggris.

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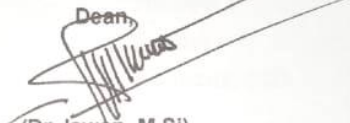
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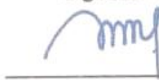



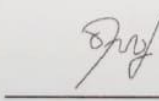
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Board of Examiners of Faculty of Educational Sciences certifies that thesis entitled **"A SMARTPHONE-BASED ADAPTIVE LEARNING APPROACH TO ENHANCE STUDENT'S LEARNING OUTCOMES IN ENGLISH SUBJECT"** written by Farhani Rahma Maulida with student's registration number 2017850059 was examined by the committees on August 02, 2021. The thesis has been accepted and declared to have fulfilled one of the requirements for the degree of "S.Pd" (S1) in English Education at Faculty of Educational Sciences, Muhammadiyah University of Jakarta.

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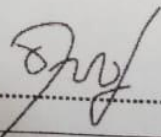
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DEDICATION

*I dedicate this thesis to:
Allah SWT, my mom, my dad, my family
And myself*

MOTTO:

The best view will comes after the hardest climb.

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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well as in the future to increase the knowledge and insight of the author in making other scientific works.

Jakarta, August 2021

The writer

Farhani Rahma Maulida

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