

Naufal Mochamad. 2026. *Pengembangan Aplikasi Mobile Interaktif Untuk Keterampilan Listening Siswa Kelas XI SMK IPIEMS Surabaya*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Trunodjoyo Madura. Pembimbing : Laili Cahyani.

ABSTRAK

Penelitian ini bertujuan untuk (1) merancang dan mengembangkan media pembelajaran berbasis Android guna mendukung keterampilan *Listening* siswa kelas XI SMK IPIEMS Surabaya, serta (2) menilai tingkat kelayakan media pembelajaran yang telah dikembangkan. Penelitian ini termasuk dalam jenis *Research and Development* (R&D). Prosedur pengembangannya meliputi enam tahap, yaitu: (1) identifikasi potensi dan masalah, (2) pengumpulan informasi, (3) perancangan produk, (4) validasi oleh ahli, (5) revisi produk, dan (6) uji coba produk. Validator dan subjek penelitian ini terdiri atas ahli media, guru Bahasa Inggris, serta 27 siswa kelas XI DKV 2 SMK IPIEMS Surabaya. Data penelitian dikumpulkan melalui angket tertutup yang menggunakan skala Likert. Selanjutnya, data yang diperoleh dianalisis menggunakan teknik kuantitatif dan deskriptif kualitatif. Hasil penelitian ini meliputi: (1) pengembangan media pembelajaran berbasis Android untuk keterampilan *Listening* siswa kelas XI SMK IPIEMS Surabaya yang dikembangkan menggunakan Android Studio; dan (2) hasil penilaian kelayakan produk. Berdasarkan validasi yang dilakukan oleh ahli media dan guru, diperoleh nilai rata-rata sebesar 4,5 dan 4,41 yang termasuk dalam kategori Sangat Layak. Uji coba produk dilakukan kepada siswa kelas XI DKV 2 yang dibagi menjadi dua kelompok, yaitu 5 siswa pada skala kecil dan 22 siswa pada skala besar. Hasil uji coba menunjukkan persentase sebesar 75,78% pada skala kecil dan 78,3% pada skala besar, yang keduanya termasuk dalam kategori Sangat Layak.

Kata kunci : aplikasi android, keterampilan *Listening*, resource and development, bahasa Inggris

Naufal Mochamad. 2026. Development of Interactive *Mobile* Applications for *Listening* Skills of Class XI Students of SMK IPIEMS Surabaya. Informatics Education Study Program, Faculty of Teacher Training and Education, Trunodjoyo University, Madura. Supervisor: Laili Cahyani.

ABSTRACT

This study aims to (1) design and develop Android-based learning media to support the Listening skills of class XI students of SMK IPIEMS Surabaya, and (2) assess the feasibility of the developed learning media. This study is included in the Research and Development (R&D) type. The development procedure includes six stages, namely: (1) identification of potential and problems, (2) information collection, (3) product design, (4) validation by experts, (5) product revision, and (6) product trial. The validators and subjects of this study consisted of media experts, English teachers, and 27 class XI DKV 2 students of SMK IPIEMS Surabaya. The research data were collected through a closed questionnaire using a Likert scale. Furthermore, the data obtained were analyzed using quantitative and descriptive qualitative techniques. The results of this study include: (1) development of Android-based learning media for Listening skills of class XI students of SMK IPIEMS Surabaya developed using Android Studio; and (2) results of product feasibility assessment. Based on validation conducted by media experts and teachers, the average scores were 4.5 and 4.41, which are included in the Very Feasible category. The product trial was conducted on grade XI DKV 2 students who were divided into two groups, namely 5 students on a small scale and 22 students on a large scale. The trial results showed a percentage of 75.78% on a small scale and 78.3% on a large scale, both of which are included in the Very Feasible category.

Keywords: Android application, Listening skills, Research and Development, English language