# **Fajarna, Ismy. 2023.** *“Pengembangan Media Pembelajaran Interaktif Mata Pelajaran Teknik Pengambilan Gambar Bergerak Kelas XII Berbasis Android (Studi Kasus: SMK Piri 3 Yogyakarta)”.* Tugas Akhir. Yogyakarta: Program Studi Pendidikan Teknologi Informasi Universitas Teknologi Yogyakarta. Pembimbing: Tri Widodo, S.T., M.Kom

# **ABSTRAK**

Media merupakan salah satu faktor penunjang tercapainya tujuan pembelajaran. Hal ini berkaitan dengan penggunaan media yang tepat dan dapat mengurangi sikap pasif siswa. Buku pada umumnya tebal dan berat sehingga membuat rendahnya minat siswa dalam membaca. Media pembelajaran tersebut tidak bisa sewaktu-waktu digunakan oleh siswa (kurang praktis). Penelitian ini betujuan untuk mengembangkan, mengetahui kelayakan, dan mengukur efektivitas media pembelajaran interaktif mata pelajaran Teknik Pengambilan Gambar Bergerak Kelas XII berbasis Android. Metode penelitian yang digunakan adalah Research and Development (R&D) dengan Model pengembangan ADDIE (Analisys, Design, Development, Implementation and Evaluation). Hasil uji kelayakan yang dilakukan terhadap ahli media pada aspek tampilan mendapatkan persentase kelayakan sebesar 97.5%, aspek program sebesar 85%, dan aspek navigasi sebesar 100%. Berdasarkan persentase dari ketiga aspek tersebut maka diperoleh skor total sebesar 93.75% dengan kategori **Sangat Layak**. Hasil uji kelayakan yang dilakukan terhadap ahli materi pada aspek kandungan materi sebesar 81.25% dan aspek kualitas 78.57% berdasarkan persentase dari kedua aspek tersebut maka diperoleh skor total 79.57% dengan kategori **Sangat Layak**. Hasil uji kelayakan yang dilakukan terhadap siswa pada aspek desain media mendapatkan skor kelayakan sebesar 85.38 %, pada aspek pengoperasian media mendapatkan skor kelayakan 89.20% dan pada aspek kebermanfaatan materi mendapatkan skor kelayakan sebesar 91.66%. Dari hasil pengujian tiap aspek, maka didapatkan skor total sebesar 87.82% dengan kategori **Sangat Layak.** Berdasarkan hasil pengujian yang dilakukan maka media pembelajaran Mata pelajaran Teknik Pengambilan Gambar Bergerak sangat layak digunakan sebagai media pembelajaran di kelas XII SMK Piri 3 Yogyakarta.

**Kata kunci :** Media Pembelajaran Interaktif, *Android,* Teknik Pengambilan Gambar Bergerak.

# **Fajarna, Ismy. 2023.** *“Development of Android-Based Interactive Learning Media for Class XII Moving Image Technique Subjects (Case Study: Piri 3 Vocational High School Yogyakarta)”.* Thesis. Yogyakarta: Information Technology Education Study Program, University of Technology Yogyakarta. Advisor: Tri Widodo, S.T., M.Kom

# **ABSTRACT**

Media is one of the supporting factors for achieving learning objectives. This relates to the use of appropriate media and can reduce students' passivity. Books are generally thick and heavy, which makes students' interest in reading low. The learning media cannot be used at any time by students (less practical). This study aims to develop, determine the feasibility, and measure the effectiveness of interactive learning media for the subject of Class XII Android-based Moving Image Capturing Techniques. The research method used is Research and Development (R&D) with the ADDIE development model (Analysis, Design, Development, Implementation and Evaluation). The results of the feasibility test conducted on media experts on the display aspect obtained a feasibility percentage of 97.5%, the program aspect was 85%, and the navigation aspect was 100%. Based on the percentage of these three aspects, a total score of 93.75% is obtained in the Very Eligible category. The results of the due diligence conducted on material experts on the material content aspect were 81.25% and the quality aspect was 78.57% based on the percentage of the two aspects, a total score of 79.57% was obtained in the Very Eligible category. The results of the feasibility test conducted on students in the aspect of media design obtained a feasibility score of 85.38%, in the operational aspect of the media a feasibility score of 89.20% and in the usability aspect of the material a feasibility score of 91.66%. From the results of testing each aspect, a total score of 87.82% was obtained with the Very Eligible category. Based on the results of the tests carried out, the learning media for the subject of Moving Image Capturing Techniques is very suitable to be used as a learning medium in class XII SMK Piri 3 Yogyakarta.

**Keywords:** Interactive Learning Media, Android, Moving Image Capturing Techniques.