

Nurhayati, 2023. Pengembangan *Pocket Book* Digital Berbasis Kearifan Lokal Madura. Skripsi. Program Studi Pendidikan IPA. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing 1 : Ana Yuniasti Retno W, S.Pd., M.Pd.

ABSTRAK

Tujuan dari penelitian ini adalah mengetahui kelayakan *pocket book* digital berbasis kearifan lokal Madura pada materi getaran, gelombang dan bunyi, mengetahui respons siswa terhadap *pocket book* digital berbasis kearifan lokal Madura pada materi getaran, gelombang dan bunyi. Model pengembanaan yang digunakan adalah model pengembangan ADDIE yaitu meliputi *Analyze*, *Design*, *Development* dan *Evaluation*. Penelitian dilakukan di MTs. Annamirah pada tahun ajaran 2022-2023. Subjek uji coba pada penelitian ini adalah 30 siswa kelas VIII A MTs. Annamirah. Hasil penelitian menunjukkan bahwa *pocket book* digital berbasis kearifan lokal Madura sangat layak digunakan. Hasil validasi ahli media menunjukkan rata-rata 96,35% dan validasi ahli materi dengan rata-rata 97,50%.

Kata kunci : ADDIE, kearifan lokal, getaran, gelombang dan bunyi

Nurhayati, 2023. *Development of a Digital Pocket Book Based on Madura Local Wisdom. Essay. Science Education Study Program. Faculty of Science Education. Trunojoyo Madura University. Advisor 1 : Ana Yuniasti Retno W, S.Pd., M.Pd.*

ABSTRACT

The purpose of this study was to determine the feasibility of a digital pocket book based on Madurese local wisdom on vibration, waves and sound material, to determine student responses to a digital pocket book based on Madurese local wisdom on vibration, wave and sound material. The development model used is the ADDIE development model which includes Analyze, Design, Development and Evaluation. The research was conducted at MTs. Annamirah in the 2022-2023 school year. The test subjects in this study were 30 students of class VIII A MTs. Annamirah. The results of the study show that digital pocket books based on Madurese local wisdom are very appropriate to use. Media expert validation results show an average of 96.35% and material expert validation with an average of 97.50%.

Keywords: ADDIE, local wisdom, vibration, wave and sound