

**PENGEMBANGAN BAHAN AJAR *E-HANDOUT*
BERBASIS KASUS BERBANTUAN *WIZER.ME*
PADA MATERI SISTEM PENCERNAAN
UNTUK PESERTA DIDIK KELAS VIII
DI SMP NEGERI 1 KUBUTAMBAHAN**

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ABSTRAK

Penelitian pengembangan ini bertujuan untuk menyusun rancang bangun dan menganalisis validitas serta kepraktisan bahan ajar *E-Handout* berbasis kasus berbantuan *Wizer.me* pada materi sistem pencernaan untuk peserta didik kelas VIII di SMP. Jenis penelitian ini yaitu *Research and Development (R&D)*, dengan model penelitian yang digunakan yaitu model *ADDIE (Analyze, Design, Development, Implementation, dan Evaluation)*. Uji validitas dalam penelitian pengembangan ini dilakukan oleh ahli materi dan ahli media. Uji kepraktisan dilakukan oleh 5 (lima) orang guru IPA dan 12 orang peserta didik kelas VIII di SMP Negeri 1 Kubutambahan dengan kemampuan akademik yang berbeda-beda. Analisis data dilakukan secara deskriptif kualitatif dan kuantitatif untuk mengetahui kevalidan dan kepraktisan produk yang dikembangkan. Hasil penelitian yang diperoleh adalah: (1) rancang bangun bahan ajar *E-Handout* berbasis kasus berbantuan *Wizer.me* pada materi sistem pencernaan, (2) bahan ajar *E-Handout* berbasis kasus berbantuan *Wizer.me* pada materi sistem pencernaan dengan kategori sangat valid (nilainya 1,0), (3) bahan ajar *E-Handout* berbasis kasus berbantuan *Wizer.me* pada materi sistem pencernaan dengan kategori sangat praktis, karena diperoleh rerata 90,8% atas penilaian guru dan 90,6% atas penilaian peserta didik. Berdasarkan temuan tersebut dinyatakan bahwa bahan ajar *E-Handout* berbasis kasus berbantuan *Wizer.me* sangat valid dan sangat praktis untuk diterapkan dalam proses pembelajaran di kelas, khususnya pada materi sistem pencernaan di SMP.

Kata Kunci: Bahan Ajar, *E-Handout*, Kasus, Sistem Pencernaan, *ADDIE*

**DEVELOPMENT OF E-HANDOUT TEACHING MATERIALS
CASE-BASED ASSISTED BY WIZER.ME
ON THE DIGESTIVE SYSTEM MATERIAL
FOR VIII GRADE STUDENTS
AT SMP NEGERI 1 KUBUTAMBAHAN**

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ABSTRACT

This development research aims to develop a design and analyze the validity and practicality of Wizer.me-assisted case-based E-Handout teaching materials on the digestive system for eighth-grade students in junior high school. This research is a Research and Development (R&D) study, using the ADDIE (Analyze, Design, Development, Implementation, and Evaluation) research model. The validity test in this development research was conducted by subject matter experts and media experts. The practicality test was conducted by 5 (five) science teachers and 12 eighth-grade students at SMP Negeri 1 Kubutambahan with varying academic abilities. Data analysis was conducted using descriptive qualitative and quantitative methods to determine the validity and practicality of the developed product. The research results obtained are: (1) the design of case-based E-Handout instructional materials assisted by Wizer.me on the digestive system, (2) E-Handout teaching materials based on cases assisted by Wizer.me on digestive system material with a very valid category (value of 1.0), (3) E-Handout teaching materials based on cases assisted by Wizer.me on digestive system material with a very practical category, as it obtained an average of 90,8% on teacher assessment and 90,6% on student assessment. Based on these findings, it is concluded that the case-based E-Handout teaching material assisted by Wizer.me is highly valid and highly practical for implementation in classroom learning processes, particularly for the digestive system material in junior high school.

Keywords: Teaching Materials, E-Handout, Case, Digestive System, ADDIE