

# PENGEMBANGAN E-KOMIK INFIA (INFO KIMIA)

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## INTISARI

Penelitian ini bertujuan untuk mengembangkan E-Komik Infia (Info Kimia) dan mengetahui kelayakan E-Komik Infia (Info Kimia) yang dikembangkan. Model pengembangan yang digunakan adalah pengembangan R&D Borg and Gall yang terdiri dari: 1) penelitian dan pengumpulan informasi, 2) perencanaan, dan 3) mengembangkan produk awal. Pada tahap penelitian dan pengumpulan informasi dilakukan analisis kebutuhan dengan menggunakan kuesioner analisis kebutuhan pada 106 peserta didik dan 5 guru kimia di SMA 1 Pakem, SMA 1 Turi, SMK N 2 Yogyakarta, dan SMA Angkasa Adisutjipto. Pada tahap perencanaan dilakukan perencanaan produk. Pada tahap pengembangan produk awal, dilakukan pengembangan produk dan penilaian kelayakan produk oleh ahli media dan ahli materi dengan menggunakan instrumen penilaian kelayakan produk. Hasil penilaian kelayakan E-Komik Infia (Info Kimia) didapatkan skor total 34,5 dengan kategori sangat baik sehingga dapat dikatakan layak digunakan sebagai sumber belajar.

**Kata kunci:** Penelitian pengembangan, Komik, Borg and Gall, Sumber belajar

# THE DEVELOPMENT OF THE E-COMIC INFIA (INFO KIMIA)

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## ABSTRACT

This study aims to develop E-Comic Infia (chemistry information) and to know the feasibility of E-Comic Infia (chemistry information) which was developed. The development model used is the development of R&D Borg and Gall which includes: 1) research and information collection, 2) planning and 3) developing the initial product. During the research and information collection, it was carried out by need analysis using the need-analysis questionnaire given to 106 students and 5 chemistry teachers at SMA 1 Pakem, SMA 1 Turi, SMK N 2 Yogyakarta, and Angkasa Adisutjipto High School. In the stage of planning, product planning is carried out. In the stage of initial product development, product development and feasibility assessments are performed by media experts and material experts using product feasibility. The results of Infia's E-Comic (Chemistry Information) feasibility assessment obtained a total score 34,5 with a very good category which indicate that it is suitable to be used as a learning resource.

**Keywords:** Research Development, Comics, Borg and Gall, Learning Resources