

PENGEMBANGAN E-MONEV BERBASIS *GOOGLE FORM* UNTUK PENILAIAN K3 *WORKPLACE* BERDASARKAN ZEROSICKS

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ABSTRAK

Penelitian tugas akhir skripsi ini bertujuan untuk: (1) Mengetahui seberapa sesuai sistem E-Monev berbasis *Google Form* untuk penilaian K3 *Workplace* berdasarkan ZEROSICKS (2) Mengetahui kelayakan sistem E-Monev meliputi kelayakan perangkat dan kelayakan isi E-Monev (3) Mengetahui tanggapan pengguna terhadap sistem E-Monev berbasis *Google Form* untuk penilaian K3 *Workplace* berdasarkan ZEROSICKS.

Penelitian ini merupakan penelitian pengembangan atau Research and Development (R&D) yang mengacu pada model penelitian pengembangan dari Branch yaitu *Analysis, Design, Development, Implementation, and Evaluation* (ADDIE) dengan tahapan-tahapan (1) Analysis yang terdiri dari (a) Studi Lapangan (b) Studi Literatur (c) Analisis Kebutuhan, (2) Design yang meliputi (a) Desain Isi (b) Desain Tampilan, (3) Development yang terdiri dari (a) Pembuatan Produk (b) Produk Awal (c) Instrumen Penelitian (d) Validasi Instrumen (e) Reliabilitas Instrumen (f) Uji Kelayakan E-Monev, (4) Implementation atau implementasi kepada responden, dan (5) Evaluation meliputi (a) Revisi (b) Produk akhir Hasil Revisi. Penelitian pengembangan dilakukan dengan subjek penelitian mahasiswa Jurusan Pendidikan Teknik Elektro FT UNY. Data penelitian dikumpulkan menggunakan angket dengan skala likert, kemudian dianalisis untuk mendapatkan hasil kelayakan. Analisis data pada penelitian ini menggunakan analisis deskriptif kuantitatif.

Hasil akhir dari penelitian ini adalah tersusunnya produk sistem E-Monev berbasis *Google Form* untuk penilaian K3 *Workplace* berdasarkan ZEROSICKS. Isi E-Monev berupa instrumen penilaian K3 *Workplace* berdasarkan ZEROSICKS, kegiatan inti, dan penutup yang dilengkapi dengan petunjuk pengisian E-Monev, gambar, serta hasil pengisian E-Monev. Kelayakan sistem E-Monev ditinjau dari kelayakan media memperoleh nilai 78% dengan kategori layak, ditinjau dari kelayakan materi memperoleh nilai 90% dengan kategori sangat layak. Berdasarkan tanggapan pengguna, dari peserta didik memperoleh nilai 83% dengan kategori sangat baik.

Kata kunci: *Penilaian K3 Workplace, E-Monev, Google Form, ADDIE*

**DEVELOPMENT OF E-MONEV BASED GOOGLE FORM FOR
ASSESSMENT OF OHS WORKPLACE BASED ON ZEROSICKS**

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ABSTRACT

This final thesis research aims to: (1) Know the E-Monev system based on Google Form for Occupational Health and Safety (OHS) Workplace assessment based on ZEROSICKS (2) Know the feasibility of the E-Monev system including the appropriateness of the device and the appropriateness of E-Monev systems (3) Know the user's response to Google Form based E-Monev system for OHS Workplace assessment based on ZEROSICKS.

This research is a research and development (R&D) that refers to the ADDIE development research model of the Branch with stages (1) Analysis consisting of (a) Field Study (b) Literature Study (c) Needs Analysis, (2) Design which includes (a) Content Design (b) Display Design, (3) Development consisting of (a) Product Creation (b) Initial Product (c) Research Instrument (d) Instrument Validation (e) Instrument Reliability (f) E-Monev Feasibility Test, (4) Implementation or implementation to respondents, and (5) Evaluation includes (a) Revision (b) Final Product of Revision Results. The research development was carried out with the research subject of the Department of Electrical Engineering Education FT UNY. Research data were collected using a Likert scale questionnaire, then analyzed to obtain feasibility results. Data analysis in this study uses quantitative descriptive analysis.

The final result of this research is the compilation of Google Forms based E-Monev system products for OHS Workplace assessment based on ZEROSICKS. The contents of the E-Monev are OHS Workplace assessment instruments based on ZEROSICKS, core activities, and cover which are equipped with instructions for filling E-Monev, pictures, and results of filling E-Monev. The feasibility of the E-Monev system in terms of the feasibility of the media obtaining a value of 78% with a decent category, in terms of the feasibility of the material obtaining a value of 90% with a very decent category. Based on user responses, students gained 83% in the excellent category.

Keywords: *OHS Workplace Assessment, E-Monev, Google Form, ADDIE*