

Faizal Reza Rahmansyah. 2023. *Perancangan Sistem Informasi Monitoring dan Evaluasi Prakerin Berbasis Website Menggunakan Metode Human Centered Design di SMKN 1 Sepulu*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing Muhlis Tahir, S.Pd., M.Tr.Kom.

ABSTRAK

Kurangnya pengawasan dan persiapan siswa ketika akan diadakannya prakerin menjadi permasalahan yang signifikan bagi sekolah ketika penerjunan siswa ke lokasi prakerin, sehingga menyebabkan permasalahan bagi siswa maupun sekolah. Penelitian ini bertujuan untuk mengembangkan sistem informasi prakerin berbasis website bagi siswa SMK. Penelitian ini menggunakan model pengembangan *Waterfall* (sistem) dan *Human Centered Design* (UI/UX). Sistem informasi ini dikembangkan agar monitoring dan evaluasi prakerin dapat terpusat pada sekolah selaku penyelenggara prakerin. Bertempat di SMKN 1 Sepulu dengan subjek penelitian adalah siswa pra dan post prakerin. Berdasarkan hasil yang didapatkan dari perancangan sistem informasi monitoring dan evaluasi ini mendapatkan kategori sangat layak karena mendapatkan rata-rata 87,36% dari ISO 25010. 86,8% dari ahli sistem dan guru, 83,6% dari kelompok pra prakerin, dan 87,21% dari kelompok post prakerin. Dapat disimpulkan bahwa penelitian sistem informasi monitoring dan evaluasi prakerin berbasis website layak digunakan dan dapat memusatkan monitoring dan evaluasi siswa kepada sekolah.

Kata Kunci: Sistem Informasi, penelitian dan pengembangan, Monitoring dan Evaluasi Prakerin, ISO/IEC 25010, *Waterfall*.

Faizal Reza Rahmansyah. 2023. Design of a Website-Based Internship Monitoring and Evaluation Information System Using the Human Centered Design Method at SMKN 1 Sepulu. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University, Madura. Supervisor Muhlis Tahir, S.Pd., M.Tr.Kom.

ABSTRACT

Lack of supervision and preparation of students when internships are to be held is a significant problem for schools when sending students to internship locations, causing problems for both students and schools. This study aims to develop a website-based apprenticeship information system for SMK students. This research uses the Waterfall (system) and Human Centered Design (UI/UX) development models. This information system was developed so that monitoring and evaluation of apprenticeships can be centered on the school as the internship organizer. Located at SMKN 1 Sepulu, the research subjects were pre and post apprenticeship students. Based on the results obtained from the design of the monitoring and evaluation information system, this category is very feasible because it gets an average of 87.36% from ISO 25010. 86.8% from system experts and teachers, 83.6% from the prakerin group, and 87.21% from the post prakerin group. It can be concluded that research on information systems monitoring and evaluation of website-based apprenticeships is feasible to use and can focus student monitoring and evaluation in schools.

Keywords: Information Systems, research and development, Monitoring and Evaluation of Industrial Work Practices, ISO/IEC 25010, Waterfall.