

**RIZQI SYAFARI RACHMADHIKA, 22.240.0181**

**IMPLELEMTASI E-TRACER PADA UPTD BALAI LATIHAN KERJA  
KABUPATEN BATANG**

Dibawah bimbingan Dr. Paminto Agung Christianto, M.Kom. dan Victorianus AS.  
S.E., M.Si,

53 hal /12 gambar /2 tabel /14 pustaka (2020-2025)

**ABSTRAKSI**

*Implementasi tracer alumni merupakan bagian penting dalam evaluasi keberhasilan pelatihan kerja serta penyusunan laporan nominatif di UPTD Balai Latihan Kerja (BLK) Kabupaten Batang. Namun, pelaksanaan tracer sebelumnya masih menggunakan Google Form yang menimbulkan berbagai permasalahan, seperti duplikasi data, pengisian berulang oleh alumni, inkonsistensi format jawaban, serta lamanya proses rekapitulasi. Penelitian ini bertujuan untuk mengimplementasikan sistem E-Tracer berbasis web sebagai solusi pengelolaan tracer alumni yang lebih terintegrasi, akurat, dan efisien. Metode yang digunakan adalah pendekatan phased implementation, yang meliputi tahap persiapan dan instalasi sistem, migrasi dan integrasi data alumni, uji coba terbatas, serta penerapan penuh dan evaluasi sistem. Implementasi sistem dilakukan menggunakan teknologi web dengan integrasi frontend, backend, dan basis data, serta mekanisme pemanggilan data alumni berdasarkan Nomor Induk Kependudukan (NIK). Hasil penelitian menunjukkan bahwa sistem E-Tracer berhasil diimplementasikan dan berjalan stabil pada lingkungan operasional BLK. Sistem mampu menghilangkan pengisian data berulang, mempercepat proses tracer, serta mempermudah admin dalam melakukan pemantauan dan ekspor data nominatif. Evaluasi pengguna melalui kuisioner menunjukkan tingkat kepuasan yang sangat baik dari alumni maupun admin. Berdasarkan hasil tersebut, dapat disimpulkan bahwa sistem E-Tracer layak digunakan sebagai sistem tracer alumni di UPTD BLK Kabupaten Batang dan memberikan peningkatan signifikan terhadap efisiensi dan kualitas pengelolaan data tracer.*

**Kata Kunci :** *Tracer Alumni, Sistem Informasi Berbasis Web, Phased Implementation*

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**ABSTRACT**

*The implementation of an alumni tracer system is an important component in evaluating the success of vocational training programs and in preparing nominative reports at the Technical Implementation Unit of the Job Training Center (UPTD Balai Latihan Kerja/BLK) of Batang Regency. However, the previous tracer process was conducted using Google Forms, which caused several issues, such as data duplication, repeated submissions by alumni, inconsistent response formats, and lengthy data recapitulation processes. This study aims to implement a web-based E-Tracer system as a solution for managing alumni tracer data in a more integrated, accurate, and efficient manner. The method applied in this research is the phased implementation approach, which includes the stages of system preparation and installation, alumni data migration and integration, limited testing, as well as full deployment and system evaluation. The system was developed using web technologies with integrated frontend, backend, and database components, and utilizes an alumni data retrieval mechanism based on the National Identification Number (NIK). The results indicate that the E-Tracer system was successfully implemented and operated stably within the BLK operational environment. The system effectively eliminates repeated data entry, accelerates the tracer process, and facilitates administrators in monitoring and exporting nominative data. User evaluation through questionnaires shows a very high level of satisfaction among both alumni and administrators. Based on these results, it can be concluded that the E-Tracer system is suitable for use as an alumni tracer system at UPTD BLK Batang Regency and provides a significant improvement in the efficiency and quality of tracer data management.*

**Keywords:** *Alumni Tracer, Web-Based Information System, Phased Implementation*