

RINGKASAN

Kuliah kerja lapangan atau disingkat KKL merupakan salah satu mata kuliah yang ada di STMIK AMIKOM Purwokerto yang dapat diambil setelah mahasiswa telah menempuh minimal 5 semester. Dalam pembagian kelompok KKL, pihak LPPM membagi mahasiswa yang telah lolos seleksi administrasi dan psikotes menggunakan *Dominant Influencing Steadiness Compliance* kedalam beberapa kelompok sesuai kebutuhan pada periode pelaksanaan KKL, pembagian tersebut membagi peserta berdasarkan kategori psikologi DISC masing – masing mahasiswa dan membagi rata antara laki – laki dan perempuan. Tujuan penelitian ini yaitu merancang dan membangun aplikasi pembagian kelompok KKL berdasarkan hasil psikotes menggunakan *Dominant Influencing Steadiness Compliance* berbasis *website* sehingga dapat mempercepat proses pembagian kelompok KKL di STMIK AMIKOM Purwokerto. Peneliti dalam pengumpulan data menggunakan teknik wawancara, dokumentasi, dan studi pustaka. Metode pengembangan sistem yang digunakan adalah metode *Extreme Programming* (XP). Hasil pengujian *blackbox* terhadap aplikasi menunjukkan hampir semua fitur berjalan dengan baik dan sesuai harapan penulis. Pengujian *Acceptance Testing* berupa kuesioner dengan pengambilan *sample* responden menggunakan *sampling insidental*, dengan jumlah sampel 3 responden didapatkan persentase sebesar 94,17% dan tergolong dalam kriteria sangat baik. Maka dari itu dapat disimpulkan bahwa aplikasi pembagian kelompok KKL berdasarkan hasil psikotes menggunakan *Dominant Influencing Steadiness Compliance* berbasis *website* layak untuk digunakan dalam proses pembagian kelompok KKL di STMIK AMIKOM Purwokerto.

Kata Kunci : Kuliah Kerja Lapangan, psikotes, DISC, Pembagian Kelompok KKL, *Extreme Programming*

ABSTRACT

Fieldwork or abbreviated as KKL is one of the courses in STMIK AMIKOM Purwokerto which can be taken after students have taken a minimum of 5 semesters. In the division of the KKL group, the LPPM divided students who had passed the administrative and psychological test using Dominant Influencing Steadiness Compliance into groups according to the needs of the KKL implementation period, dividing participants according to the DISC psychology categories of each student and dividing equally between men and women. The purpose of this study is to design and build applications for the distribution of KKL groups based on psychological results using Dominant Influencing Steadiness Compliance website-based , so that it can accelerate the process of grouping KKL groups in STMIK AMIKOM Purwokerto. Researchers in collecting data using interview techniques, documentation, and literature. The system development method used is the Extreme Programing (XP) method. The results of the blackbox test on the application show that almost all features are running well and according to the expectations of the author. Acceptance Testing in the form of a questionnaire with sampling respondents using incidental sampling, with a sample size of 3 respondents obtained a percentage of 94.17% and classified as very good criteria. So from that it can be concluded that the application of the distribution of KKL groups based on the results of the psychological test using a Dominant Influencing Steadiness Compliance website-based is feasible to use in the process of grouping KKL groups in STMIK AMIKOM Purwokerto.

Keyword : Field Work Lecture, psychological test, DISC, KKL Group Distribution, Extreme Programming