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SISTEM INFORMASI KULIAH KERJA NYATA (KKN) PADA UNIVERSITAS MUHAMMADIYAH PEKAJANGAN PEKALONGAN

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ABSTRAK

Universitas Muhammadiyah Pekajangan Pekalongan (UMPP) adalah salah satu perguruan tinggi di Indonesia yang mempunyai kewajiban melaksanakan Tridharma Perguruan Tinggi. Tridharma UMPP dilaksanakan oleh Lembaga Penelitian dan Pengabdian Masyarakat (LPPM). Salah satu tugasnya mengadakan kegiatan Kuliah Kerja Nyata (KKN). Dalam menjalankan aktivitasnya LPPM memanfaatkan sistem pendaftaran KKN melalui Google form yang mana seringkali menyebabkan data ganda. Selain itu, kesulitan juga dialami pada proses pembagian kelompok dan dosen pembimbing KKN karena masih menggunakan Microsoft Excel, bahkan kegiatan pemantauan oleh dosen pembimbing tidak selalu dilakukan karena terbatasnya waktu. Untuk itu perlu adanya sistem informasi yang mampu mendukung, memudahkan, dan memenuhi kebutuhan pengguna (LPPM, Mahasiswa, dan Dosen) dalam pengelolaan kegiatan KKN. Maka dibuatlah penelitian mengenai "Sistem Informasi Kuliah Kerja Nyata (KKN) pada Universitas Muhammadiyah Pekajangan Pekalongan". Penelitian ini menggunakan metode waterfall sebagai metode pengembangan sistem. Selain itu, metode pengujian sistem yang digunakan dalam penelitian ini adalah Blackbox Testing yang dimaksudkan untuk mengetahui apakah fungsi-fungsi, masukan, dan keluaran dari sistem sesuai dengan spesifikasi. Kemudian dengan Whitebox Testing dengan membuat Test Case yang didapatkan dari jalur independen melalui metode Basis Path Testing. Lalu, menggunakan User Acceptance Testing (UAT) dan didapat kesimpulan bahwa sistem yang dibangun sudah sesuai kebutuhan pengguna (LPPM, Dosen dan Mahasiswa) yang dapat dibuktikan dengan kuesioner dan wawancara.

Kata Kunci: *Sistem Informasi, Kuliah Kerja Nyata.*

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THE INFORMATION SYSTEM OF COMMUNITY SERVICE PROGRAM (KKN) AT UNIVERSITY OF MUHAMMADIYAH PEKAJANGAN PEKALONGAN

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ABSTRACT

University of Muhammadiyah Pekajangan Pekalongan (UMPP) is one of the universities in Indonesia that has the obligation to carry out the Tridharma of Higher Education. It is authorized at The Office for Research and Community Service (LPPM). One of the responsibilities is conducting the Community Service Program (KKN). In carrying out its activities, LPPM utilizes the KKN registration system through the Google form which often causes duplicate data. In addition, some barriers were also happened during the process of dividing groups and the supervisors because they were still using Microsoft Excel, even monitoring activities by supervisors were not always carried out due to limited time. For this reason, it is necessary to have an information system that is able to support, facilitate, and meet the needs of users (LPPM, Students, and Lecturers) in managing the program. This matter underlined the research about the information system of Community Service Program (KKN) At University Of Muhammadiyah Pekajangan Pekalongan.

This study used waterfall method as a system development one. In addition, the system testing method used is Blackbox Testing which is intended to determine whether the functions, inputs, and outputs of the system are in accordance with the specifications. hen with Whitebox Testing, a Test Case is made which is obtained from an independent path through the Basis Path Testing method. Then, using User Acceptance Testing (UAT) and it can be concluded that the system built was in accordance with the users need (LPPM, Lecturers, and Students) which can be proven by questionnaires and interviews.

Keywords: *Information System, Community Service Program*