

**PROYEK PENGEMBANGAN SISTEM INFORMASI MBKM PADAdd
FAKULTAS ILMU KOMPUTER UPN “VETERAN” JAKARTA**

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ABSTRAK

Teknologi saat ini menjadi penggerak utama perubahan di berbagai sektor, termasuk komunikasi, pendidikan, bisnis, dan hiburan. Inovasi seperti internet, komputasi awan, dan kecerdasan buatan terus membuka peluang baru untuk meningkatkan akses serta kualitas pendidikan. Merdeka Belajar Kampus Merdeka (MBKM) yang merupakan kebijakan dari Menteri Pendidikan dan Kebudayaan, bertujuan untuk memberikan mahasiswa di Indonesia kesempatan lebih luas dalam mengembangkan minat, bakat, serta daya saing global. Fakultas Ilmu Komputer UPN "Veteran" Jakarta menawarkan tiga jenis program MBKM, yaitu MBKM Flagship atau MSIB (Magang dan *Studi Independent* Bersertifikat), MBKM Mandiri (Kerjasama), serta MBKM mandiri di mana mahasiswa dapat mencari program secara mandiri melalui situs web kampus merdeka atau situs lainnya. Saat ini, pelaksanaan kegiatan MBKM di Fakultas Ilmu Komputer UPN "Veteran" Jakarta, seperti pengajuan surat rekomendasi hingga pelaksanaan MBKM masih menggunakan *Google Form*. Data yang terkumpul kemudian disimpan di *Google Drive*. Dalam penelitian ini, penulis merancang dan mengembangkan sistem yang mempermudah pengajuan surat rekomendasi dan pelaksanaan MBKM di Fakultas Ilmu Komputer UPN "Veteran" Jakarta dengan menggunakan metode *Rapid Application Development* (RAD), *framework* Laravel, dan bahasa pemrograman HTML, CSS, serta PHP. Hasil dari penelitian ini adalah sebuah sistem berbasis website untuk MBKM yang dapat memfasilitasi dan mempermudah proses pengajuan surat rekomendasi dan pelaksanaan MBKM di Fakultas Ilmu Komputer UPN "Veteran" Jakarta.

Kata Kunci: Teknologi, Merdeka Belajar Kampus Merdeka (MBKM), *Rapid Application Development* (RAD), Laravel, Website

**MBKM INFORMATION SYSTEM DEVELOPMENT PROJECT AT THE
FACULTY OF COMPUTER SCIENCE, UPN “VETERAN” JAKARTA**

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ABSTRACT

Technology is a primary driver of change across various sectors, including communication, education, business, and entertainment. Innovations such as the internet, cloud computing, and artificial intelligence continue to open new opportunities for improving access and quality in education. Merdeka Belajar Kampus Merdeka (MBKM) initiative, a policy by the Ministry of Education and Culture, aims to provide students in Indonesia with greater opportunities to develop their interests, talents, and global competitiveness. The Faculty of Computer Science at UPN "Veteran" Jakarta offers three types of MBKM programs: MBKM Flagship or MSIB (Certified Internship and Independent Study), Collaborative Independent MBKM, and Independent MBKM, where students can independently find programs through the Merdeka campus website or other sites. Currently, MBKM activities at the Faculty of Computer Science, UPN "Veteran" Jakarta, such as recommendation letter requests and the execution of MBKM programs, still rely on Google Forms. The collected data is then stored on Google Drive. In this research, the author designed and developed a system to simplify the recommendation letter submission and MBKM implementation processes at the Faculty of Computer Science, UPN "Veteran" Jakarta. This system was built using the Rapid Application Development (RAD) methodology, the Laravel framework, and HTML, CSS, and PHP programming languages. The result of this research is a web-based MBKM system that facilitates and streamlines the recommendation letter submission and MBKM processes at the Faculty of Computer Science, UPN "Veteran" Jakarta.

Keywords: *Technology, Merdeka Belajar Kampus Merdeka (MBKM), Rapid Application Development (RAD), Laravel, Website*