

**PROYEK PENGEMBANGAN SISTEM INFORMASI *STUDENT*
EXCHANGE PADA FAKULTAS ILMU KOMPUTER
UPN “VETERAN” JAKARTA**

DIAN RIZKIYANTI

ABSTRAK

Globalisasi di era digital membawa perubahan signifikan dalam dunia pendidikan, komunikasi, bisnis, dan hiburan. Inovasi seperti internet dan kecerdasan buatan dapat membuka peluang untuk meningkatkan kualitas Pendidikan. *Student exchange* merupakan kebijakan dari Menteri Pendidikan dan Kebudayaan yang bertujuan untuk memberikan mahasiswa di Indonesia kesempatan untuk mengembangkan ilmu, bakat, serta daya saing Internasional. Fakultas Ilmu Komputer Universitas Pembangunan Nasional "Veteran" Jakarta mempunyai tiga jenis program *student exchange*, yaitu program *student exchange* yang disediakan juga oleh kemendikbud seperti IISMA (*Indonesian International Student Mobility Awards*) dan PMM (Pertukaran Mahasiswa Merdeka), serta program *student exchange* Kerja Sama Universitas. Saat ini, pelaksanaan kegiatan *student exchange* di Fakultas Ilmu Komputer Universitas Pembangunan Nasional “Veteran” Jakarta memiliki tantangan terkait pengelolaan data mahasiswa dan informasi yang belum terintegrasi. Fakultas Ilmu Komputer masih menggunakan sistem manual, seperti pengajuan surat rekomendasi hingga pengumpulan laporan program masih menggunakan *Google Form*. Penelitian ini bertujuan untuk merancang dan membangun sistem informasi *Student Exchange* yang terintegrasi dan mudah digunakan untuk mendukung program *Student Exchange* di Fakultas Ilmu Komputer UPN “Veteran” Jakarta dengan menggunakan metode RAD (*Rapid Application Development*), *framework* Laravel, dan Bahasa pemrograman HTML, CSS, serta PHP. Hasil dari penelitian ini berupa sistem informasi berbasis *website* terintegrasi, sehingga proses dibuthkan mulai dari pengajuan surat rekomendasi sampai pengumpulan dokumen dapat dikelola dengan baik. Sistem ini diharapkan dapat meningkatkan efisiensi pengelolaan program dan memberikan informasi yang mudah diakses bagi mahasiswa.

Kata Kunci: Sistem Informasi, Student Exchange, RAD (*Rapid Application Development*), Fakultas Ilmu Komputer, Integritas Data

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ABSTRAC

Globalization in the digital age brings significant changes in education, communication, business and entertainment. Innovations such as the internet and artificial intelligence can open up opportunities to improve the quality of education. Student exchange is a policy of the Minister of Education and Culture that aims to provide students in Indonesia with the opportunity to develop knowledge, talent, and international competitiveness. The Faculty of Computer Science of Universitas Pembangunan Nasional “Veteran” Jakarta has three types of student exchange programs, namely student exchange programs also provided by the Ministry of Education and Culture such as IISMA (Indonesian International Student Mobility Awards) and PMM (Merdeka Student Exchange), as well as the University Cooperation student exchange program. Currently, the implementation of student exchange activities at the Faculty of Computer Science, Universitas Pembangunan Nasional “Veteran” Jakarta has challenges related to the management of student data and information that has not been integrated. The Faculty of Computer Science still uses a manual system, such as submitting recommendation letters to collecting program reports still using Google Form. This research aims to design and build an integrated and easy-to-use Student Exchange information system to support the Student Exchange program at the Faculty of Computer Science UPN “Veteran” Jakarta using the RAD (Rapid Application Development) method, the Laravel framework, and the HTML, CSS, and PHP programming languages. The results of this research are in the form of an integrated web-based information system, so that the process is needed from submitting a recommendation letter to collecting documents can be managed properly. This system is expected to increase the efficiency of program management and provide easily accessible information for students.

Keywords: *Information System, Student Exchange, RAD (Rapid Application Development), Faculty of Computer Science, Data Integrity*