

ABSTRAK

Peningkatan jumlah PTK-PNF dari UPTD pada Kabupaten/Kota di Provinsi NAD, Sumatera Utara, Sumatera Barat, Riau, Kepri, Jambi, dan Sumatera Selatan telah menimbulkan problematika bagi PTK-PNF dan instansi-instansi terkait (SKB, BPKB, dan BP-PNFI) dalam mengakses dan meng-*update* informasi mereka secara terus-menerus. Untuk membantu memecahkan problematika tersebut, studi ini mengimplementasikan sistem *database* berbasis *web* menggunakan metode perangkat lunak air terjun. Proses-prosesnya meliputi definisi problem, analisis kebutuhan, desain perangkat lunak, implementasi, *unit test*, integrasi, *system test*, dan operasi. Hasil dari studi ini adalah sebuah prototipe dari *Website* Sikuda PTK-PNF yang telah diujicoba dan siap diimplementasikan di Internet.

*ANALYSIS AND DESIGN OF INFORMATION SYSTEMS EDUCATORS AND STAFF
NON-FORMAL EDUCATION (PTK-PNF) IN THE BP-PNFI REG-I MEDAN WEB
BASED FIELD USING PHP MYSQL.*

ABSTRACT

The amount of increase of PTK-PNFs of the UPTD Sub-Urbans/Cities in the Provinces of NAD, North Sumatera, West Sumatera, Riau, Kepri, Jambi, and South Sumatera has caused problems to the PTK-PNFs themselves and their related institutions (SKBs, BPKBs, and BP-PNFIs) in accessing and updating their information from time to time. In order to solve these problems, this study implements a web-based database system using software engineering's waterfall method. The processes consist of definition of problems, analysis of needs, software system design, implementation, unit test, integration, system test, system care, and operation overall. The result of this study is a prototype of Sikuda PTK-PNF Website which has been tested and is ready to be implemented in the Internet.