

## Pengembangan sistem informasi registrasi bidan berbasis web di MA Elis Tenaga Kesehatan Indonesia (MTKI) = The development of web based informatics system for midwives registration at Indonesian council for health workforce (MTKI)

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### Abstrak

Latar Belakang: Sesuai Permenkes NOMOR 1796/MENKES/PER/VIII/2011 tentang Registrasi Tenaga Kesehatan dan Peraturan Menteri Kesehatan RI No. 1464/Menkes/PER/X/2010 tentang izin dan penyelenggaraan praktik bidan. Bidan harus memiliki Surat Tanda Registrasi (STR). Sistem informasi registrasi yang ada belum optimal, proses input data yang berulang, form input data tidak lengkap, sistem informasi tidak bisa diakses oleh stakeholder terkait, proses pengiriman data lambat tidak realtime. Tujuan penelitian ini membangun model Sistem Informasi Registrasi Bidan berbasis web di MTKI dalam mendukung pembinaan, pengawasan dan pengambil keputusan.

Metode: Penelitian ini dikembangkan berdasarkan metode System Development Life Cycle/SDLC yaitu metoda kebutuhan bertahap dan interaktif yang terdiri dari analisis sistem, perancangan sistem, perancangan basis data dan tahapan uji coba.

Hasil: Penelitian menunjukkan adanya perbedaan waktu yang signifikan antara proses registrasi melalui sistem yang ada dengan sistem informasi yang dikembangkan. Seluruh pengolahan data otomatisasi dan aplikasi mudah dioperasionalkan. Pada sistem informasi yang dikembangkan semua stake holder terkait dapat melihat informasi proses registrasi yang sedang berjalan.

Kesimpulan: Sistem informasi yang dikembangkan lebih baik dibandingkan dengan sistem yang ada. Sangat dibutuhkan komitmen dari seluruh pimpinan di Badan PPSDM, MTKI, MTKP dan Organisasi Profesi (IBI) dalam mendukung proses registrasi secara online.

<hr><i>Background: Regulation orders of the Minister of Health of Republic Indonesia of 1796/MENKES/PER/VIII/2011 of Human Health Resources Registration and 1464/Menkes/PER/X/2010 of license and implementation of midwifery practice is midwives should have a Certificate of Registration (STR). Already, the existing information systems of registration has not been optimal, the repetitive of data input process, data input form is incomplete, the system information can not be accessed by the relevant stakeholders, slow data transmission process is not real time. The purpose of this study build Midwives Registration Information System model in web-based MTKI in supporting for coaching, supervision and decision makers.

Methods: Development of systems based on System Development Life Cycle / SDLC that needs gradual and interactive method which consists of a system analysis, system design, database design and testingstages.

Result: Research showed a significant difference in time between the registration process through the existing system and the developed information system. All data processing automation and application more easy operationalized. In theinformation systems which developed showed all the running process of registration for the relevant stakeholders.

Conclusions: Information systems are developed more better than the existing system. It is need more commitment from all leaders in PPSDM, MTKI, MTKP and Health Professional Organizations (IBI) in

support of the online registration process.</i>