

ABSTRAK

Dewasa ini penggunaan internet bukan lagi merupakan sesuatu hal yang asing. Kegunaannya sudah diterapkan pada berbagai bidang kehidupan, salah satunya adalah dunia pendidikan. Sistem Administrasi Terpadu (SAT) Universitas Kristen Maranatha telah memanfaatkan teknologi internet tersebut untuk menyediakan sistem informasi terpusat yang melayani kebutuhan informasi kegiatan akademik bagi seluruh civitas akademika termasuk didalamnya kegiatan perwalian online.

Tujuan pembangunan tugas akhir ini untuk mengembangkan suatu aplikasi yang dapat membantu kegiatan perwalian *online* mahasiswa melalui *mobile phone* dengan mengimplementasikan teknologi *Wireless Application Protocol* (WAP). Selain itu juga aplikasi ditujukan untuk melayani permintaan mahasiswa mengenai informasi DKBS (Daftar Kontrak Rencana Studi), nilai ujian, transkrip nilai dan jadwal kuliah. Aplikasi dibuat dengan menggunakan bahasa XHTML (Extensible Hypertext Markup Language) dan PHP (PHP Hypertext Preprocessor), editor pemrograman Macromedia Dreamweaver, dan basis data MySQL.

Aplikasi ini dapat dijadikan pilihan untuk melakukan kegiatan perwalian dan melakukan permintaan layanan informasi hasil kegiatan akademik mahasiswa.

Kata kunci : perwalian online, WAP, XHTML, PHP, Macromedia Dreamweaver, MYSQL.

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