

ABSTRACT

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APPLICATION OF *CAPTIVE PORTAL* AT UNIVERSITAS PELITA HARAPAN

(xv + 53 pages: 2 *tables*, 26 figures)

With many new technological advances, the needs for information in companies are indeed increased. For this needs, it will affect some of area such as Internet. Furthermore the company also have to concern about security in networking by using internet. This issue also occurs in Universitas Pelita Harapan Pelita Harapan which needs a *tool* to computerize its current flow process for authentication for using *Internet* services at campus. The reason behind the development of this *tool* is to solve the problems faced with the current system which are the difficulties in monitoring *Internet* activities and *network* security problems.

One of the solution for the above problems is *Captive portal*. *Captive portal* is a *web* based application which is designed to accommodate the flow process of *user* authentication. It has many features such as authentication processing, online *user* and organization maintenance, as well as automatic *report* generation.

finally, the system has managed to overcome the monitoring and *reporting* difficulties as well as offers many advantages such as faster, secure and more accurate *reporting*, and automatic *user* authentication. Furthermore, the system as a whole has increased the performance *networking* activities and prevent *Internet* crimes from the current system.

References: 14 (1994 - 2003)