ABSTRACT

ELFIAN SUMENDAP. *Library Front-end System Development Through Facebook.* Under direction of KUDANG BORO SEMINAR and SONY HARTONO WIJAYA.

The library is an institution that serves as central collector, processing and dissemination of information. Today libraries face the challenge to provide better service and faster. Competitors have developed far more advanced such as google.com. Therefore it is necessary to utilize a front-end functions of the library a vital function to resolve the issue. Facebook is an opportunity to be the answer. Facebook is relational, up to date, personal, flexible and mobile. This study developed a front-end library system through Facebook. This study developed a front-end library system through Facebook by exploring the features of Facebook and developed a Facebook application that can perform the library front-end functions. Development methodology is based on the System Development Life Cycle (SDLC) consisting of stages of investigation, analysis, design, implementation and maintenance where the research is done to the prototype manufacturing stage. System testing conducted by black-box testing method. This research was successfully explored a Facebook feature and built a Facebook application that can perform the library front-end functions. Library front-end system through Facebook able to build relationships with users, maintaining user and improve the quality of relationships with users.

Key words: Facebook, library, front-end function, back-end function, promotion