

***DESIGN AND DEVELOP A GUESTBOOK APPLICATION  
BASED ON FACE RECOGNITION USING THE EXREME  
PROGRAMMING METHOD (XP)***

Student Name : Erdawati  
NIM : 6304191187  
Supervisor : Danuri, M.Cs

**ABSTRACT**

*A guest book or book that is used to record guest personal data when visiting an agency or company is really needed, in order to find out how many people have visited an agency or company. However, there are several agencies or companies that have not implemented a guest book and some have implemented a guest book but it is still written. For example, at the Bengkalis State Polytechnic, the guest book has not yet been implemented. This is of course a problem, because the agency cannot know how many people have visited and also cannot know who has visited. With this guest book system, it will make it easier for agencies to collect data on visiting guests and also be able to find out how many people have visited. Therefore, a guest book system based on facial recognition was built using the extreme programming (XP) development method.*

**Keywords :** *Guestbook, face recognition, Extreme Programming (XP)*