

Abstract

Evolution of spam or automatically computer applications are so fast, as fast as evaluation of application in Internet that need authentication progress. There for it need application to identificate or inputing data are human and not spam as automatically computer applications. The application's name is CAPTCHA (Completely Automatic Public Turing to Tell Computers and Human Apart), basicly CAPTCHA is an image that has letters and numbers, and ask user to type value of the touring test that contain letters or numbers on image.

In cyber world that more advanced, CAPTCHA still has any way to break its and CAPTCHA still available to post in, and make user unconfertabel. It's cause of CAPTCHA can break by some application such as GOCR using OCR techniques to guest key or letters and numbers on CAPTCHA, Brute Force attack to guest numbers and letters, using dictionary and database technique. There for the solution to use is using CAPTCHA mouse intervention, to make user friendly and more secure.

At this final task, analytic for usability and security of CAPTCHA using mouse intervenstion and make user more interesting with CAPTCHA and CAPTCHA mouse intervention more secure because using encode technique.

Key Words : *CAPTCHA, Brute Force, CAPTCHA mouse intevention, system security*