

CHAPTER I

INTRODUCTION

1.1. Background

CAPTCHA or Completely Automated Public Turing Test to tell Computers and Humans Apart. CAPTCHA is a type of challenge response test used in computing to determine whether or not the user is human. CAPTCHA function is protect web from spam attack. Now there are different type of CAPTCHA, for example Hard Recognizing Text, Pattern Matching, Sound Recognizing, etc.

The writer will make a sample web page and contains the files that can be downloaded by adding CAPTCHA verification. Here the writer would like to try make CAPTCHA in the form of image text or is known as Hard Recognizing Text.

1.2. Scope

To make Hard Recognizing Text witer uses PHP, HTML, and Ajax. The writer utilizes the GD Library functions available in PHP to convert text into an image CAPTCHA. Problem limitation this project is web page with CAPTCHA verification.

1.3. Objective

The purpose of this project is to create CAPTCHA which is more complex to make it more difficult to be solved by computers utilizing ajax function in the making.