Abstract

This research aims to create an application for the identification planting bitmap image file so that the image can not be recognized by others . The method used to build this application is the RSA (Rivest Shamir Adleman) is to randomize the image   identification and LSB   (Least Significant Bit   ) to call   into the picture identification that would be protected.
This application uses two key pieces of the public key and a private key to encrypt and extract bitmap images that would be implanted identification.
This application lets other people do not know that any identification in a bitmap image that has been encrypted because there is no difference in either of the image , image size , and image dimensions . To decrypt it and obtain user identification forms must know both the value of primes and the private key is used by the user in the embed tag.

Keywords : private key , public key , bitmap , RSA , LSB