ABSTRACT

This project is a sincere attempt to addresses the problem of piracy of multimedia entities in the internet, which severely accounts for huge loss to the owner both in terms of capital investment and social stature.

The idea of the project is to provide a mobile facility through use of Android based application to tackle the piracy problem. The aim is to hamper the functionality of website server, which has been found to be a culprit in the crime of piracy assets. In this project, functionality of server system is attempted to be hampered by denial of service attack of type Slow Loris by exploiting the server vulnerabilities.

In addition, this project includes another functionality of steganography, which is attaching a hidden signature string or text particularly for image type multimedia so that pirated images in the internet can be validated of the ownership by referring to the same hidden text embedded by the owner or the concerned.

The whole project is compiled as a Android application named Airavat. This project is extremely helpful for the cases where owners acknowledges the piracy of owned material soon and wants to prevent the gigantic spread data at very fast rate by using this project.