# Chapter 2
## Background and Literature Survey

## 2.1 Software Requirement Specification

A software requirements specification (SRS) is a document that captures complete description about how the system is expected to perform.

### 2.1.1 Functional requirements

- Should accept image as input

- Should correctly steganography the image without crashing

- Should be able to handle the control of Slow Loris denial of service attack i.e. to start and stop the attack with the consent of the user.

- Should smoothly switch between the activities

### 2.1.2 Non - Functional requirements

- Execution Qualities
  - Secure
  - Easily Usable
- Evolution Qualities
  - Easily Maintainable
  - Testable
  - Scalable

## 2.2 Feasibility Report

After doing feasibility study, it has been concluded that the project is feasible because of the following reasons:

- There no such app in the market (in both Android Play Store and Apple App Store) that aims at tackling the piracy problem.
- It has a huge potential in the market as it has potential to save user from huge financial loses.

## 2.3 Innovativeness and Usefulness

Innovativeness can be validated by the fact that no such android application is present in the market.

In addition this application provides a means provide a portable, easy and affordable means to hamper the website server in order to prevent the leak of confidential data by use of android-based application and to provide a portable, easy and affordable means to attach a hidden text as a signature in the image files.

Using Airavat android application, in a single click one and by entering the URL of the website one can overload the website server and makes it nonresponsive for a time duration so that legal and suitable steps can be taken against the concerned and to prevent the further flow of assets in the internet.

This application fulfils the current the requirement of the professionals dealing with the confidential data. Also has immense potential to be very useful for professional photographers, moviemaker and professionals of the similar field.

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