**ABSTRACT**

Phishing websites are forged websites that are created by malicious people to mimic real websites. Phishing attacks have become one the most important security issues in today's world. With the emerging use of internet, there is increase in the number of people that are depending on online services to shop, check their banking account, pay their bills, or even play with anonymous friends. The major security drawback in today’s world is Phishing attacks. Detecting and identifying any phishing websites in real-time, is really a complex and dynamic problem involving many factors and criteria. Phishing attack makes web users believe that they are communicating with a legitimate user, the purpose is for stealing personal information, account information, login credentials and identity information of the users. Phishing attack is most commonly initiated by sending out an email on the user machine with links to spoofed website that harvest the information entered by users.

Our project aims at providing an end user application that uses URL feature set to detect phishing attacks.