Project Title	Web Phishing Detection
Name of the Institute	CAPE Institute of Technology
Team ID	PNT2022TMID34279

OBJECTIVES

There are a number of users who purchase products online and make payment through various websites. There are multiple websites who ask users to provide sensitive data such as username, password or credit card details etc. often for malicious reasons. This type of website is known as a phishing website. In order to detect and predict phishing websites, we proposed an intelligent, flexible and effective system that is based on using classification Data mining algorithm. We implemented classification algorithms and techniques to extract the phishing data sets criteria to classify their legitimacy. The phishing website can be detected based on some important characteristics like URL and Domain Identity, and security and encryption criteria in the final phishing detection rate. Once a user makes a transaction online when he makes payment through the website our system will use a data mining algorithm to detect whether the website is a phishing website or not. This application can be used by many E-commerce enterprises in order to make the whole transaction process secure. Data mining algorithm used in this system provides better performance as compared to other traditional classifications algorithms. With the help of this system users can also purchase products online without any hesitation. Admin can add phishing website URL or fake website URL into a system where the system could access and scan the phishing website and by using an algorithm, it will add new suspicious keywords to the database. System uses machine learning technique to add new keywords into the database.

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