Ideation Phase
Literature Survey

Date	09 September 2022
Team ID	PNT2022TMID26422
Project Name	**Web Phishing Detection**
Maximum Marks	2 Marks

Literature Survey Web Phising Detection :

Phishing is a form of fraudulent attack where the attacker tries to gain sensitive information by posing as a reputable source. In a typical phishing attack, a victim opens a compromised link that poses as a credible website.

Existing Solution:

- Link : https://checkphish.ai/

S.No	Title	Author	Year	Description
1.	Detection of Phising Websites using Machine Learning Approaches	Farashazillah Yahya Ryan Isaac W Mahibol Chong Kim Ying Magnus Bin Anai Sidney Allister Frankie	2021	The purpose of the study is to conduct a mini-review of the existing techniques and implement experiments to detect whether a website is malicious or not. The dataset consists of 11,055 observations and 32 variables. Three supervised learning models are implemented in this study: Decision Tree, K-Nearest Neighbour (KNN), and Random Forest. The three algorithms are chosen because it provides a better understanding and more suitable for the dataset. Based on the

				experiments undertaken, the result shows Decision Tree
2.	Detecting spam and phishing mails using SVM and obfuscation URL detection algorithm	Prajakta Patil Rashmi Rane Madhuri Bhalekar	2017	Phishing is a criminal scheme to steal the user's personal data and other credential information. It is a fraud that acquires victim's confidential information such as password, bank account detail, credit card number, financial username and password etc. and later it can be misuse by attacker. We aim to use fundamental visual features of a web page's appearance as the basis of detecting page similarities. We propose a novel solution, to efficiently detect phishing web pages. Note that page layouts and contents are fundamental feature of web pages' appearance.

References:

- https://towardsdatascience.com/phishing-domain-detection-with-ml-5be9c99293e5
- https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-net.2020.0078