PROJECT DESIGN PHASE-1

PROPOSED SOLUTION

Team ID	**PNT2022TMID54367**
Project Name	**Web Phishing Detection**
Date	**09.11.2022**
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S.NO.	PARAMETER	DESCRIPTION
1.	Problem Statement (problem to be solved)	A particular challenge in this domain is that notorious hackers are constantly making new strategies to break into our defense measures. The drawback of the existing systems is detecting some minor false positive and false negative results. These disadvantages can be abolished by introducing a much-enhanced feature to feed to the machine learning algorithm that would result in much higher accuracy.
2.	Idea/ Solution Description	We focus on the direct implementation of the project to the chrome extension so that as the user clicks on the particular URL and if that URL is a phishing site then the user gets a pop-up warning message.
3.	Novelty/ Uniqueness	1. Using Machine Learning we developed the Web application as Web Phishing Detection 2. It checks the URL and no of users visited in that particular webpage or website and creates an alert to the user if the website is dangerous or not .
4.	Social Impact/ Customer Satisfaction	1. To spread the cyber awareness on multiple attacks mainly on this phishing attack. 2. An individual can unlearn and relearn this model in various types of aspects in Cyber security and Data theft.
5.	Business Model (Financial Benefit)	1. This model helps Banking and Financial sectors from data loss and data attack which leads to zero financial loss externally. 2. In Business Organization they can use this tool to get rid from cyber attack and can implement how to improve the security when this attack occur next time.
6.	Scalability of Solution	1. We deliver the Good feasible UI/UX design on Web phishing detection. 2. The model is tested and trained in multiple types of datasets to get high accuracy than other algorithms.