Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID27489
Project Name	Project - Web Phishing Detection
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Novel phishing approaches suffer low detection accuracy. The most common technique used is the blacklist-based method. It has become inefficient since registering a new domain has become easier. No comprehensive blacklist can ensure a perfect up-to-date database.
2.	Idea / Solution description	Our solution is to build an efficient and intelligent system to detect phishing sites by applying a machine learning algorithm which implements classification algorithms and techniques to extract the phishing datasets criteria to classify their legitimacy.
3.	Novelty / Uniqueness	We have carefully analysed and identified various factors that could be used to detect a phishing site. These factors fall under the categories of address bar based features, domain based features, HTML & Javascript based features. Using these features we can identify a phishing site with high accuracy.
4.	Social Impact / Customer Satisfaction	By using this application the customer has the sense of safety whenever he attempts to provide sensitive information to a site.
5.	Business Model (Revenue Model)	By generating leads we can improve our business model. By detecting the phishing sites, people won't access them which will reduce the revenue of malicious site owners.
6.	Scalability of the Solution	This application can be accessed online without paying. It can be accessed via any browser of your choice. It can detect any site with high accuracy.