Project Design Phase-I

Proposed Solution Template

Date	25 October 2022
Team ID	PNT2022TMID01032
Project Name	WEB PHISHING DETECTION
Maximum Marks	2 Marks

Proposed Solution Template:

SI.no	Parameter	Description
1.	Problem Statement (Problem to be solved)	It is important to fix this problem to help the people from phishing attacks. Phishing is a form of fraud in which the attacker tries to learn sensitive information such as login credentials or account information by sending a malicious URL. Phishing attack can paralyze a business. Data and assets might be stolen or damaged. Customers might be unable to access online services. We are developing a webpage for detecting those fake websites.
2.	Idea / Solution description	Our team has proposed a solution to help the people from phishing attacks. It detects attack faster and remediate threats as quickly as possible and detect the fraudster who creates a replica of the target website using a clone or phishing kit. It differentiates between the malicious and legitimate URL and it also alerts the people from malicious URL.
3.	Novelty / Uniqueness	The phisher can change the URL any time to create a new URL. The reason security defenders struggle to detect phishing domains is because of the unique part of the website domain. When a domain is detected as fraudulent, it is easy to prevent this domain before a user access to it.

4.	Social Impact / Customer Satisfaction	It eliminates cyber threat risk level and increase user alertness to phishing risks. It will help to minimize fraud while using software solutions. Measure the degrees of corporate and employee vulnerability.
5.	Business Model (Revenue Model)	This application can be used by many E-commerce enterprises to make the whole transaction process secure.
6.	Scalability of the Solution	People cannot find the malicious URL, this application will help them to differentiate between the malicious and legitimate URL. It protects and alerts the people from the fake websites.