

Project Design Phase-I Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID29648
Project Name	WEB PHISHING DETECTION
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">★ Web phishing leads to spyware and stolen a lots of information from the user during online transaction like username, password, important documents that has been stolen by the phishing attacks. There are Multiple Types of Attacks happens in every day, but there is no auto detection Process through Machine Learning is achieved.★ Across the web, phishing attacks have baited unsuspecting victims into handing over bank info, social security numbers, and more this leads to mishandling our Data.★ The impact of phishing to the user they loss privacy information, steal money, ruin reputations, destroy important information.
2.	Idea / Solution description	<ul style="list-style-type: none">★ Main aim of this solution is using a ML algorithm user can able to attain a warning signal to notify these phishing websites which helps the user to safeguard their identities and their login credentials etc.★ Enable Two-Factor authentication of 2FA it adds an extra layer of authentication and verification. Each log-in attempt the most prevalent 2FA systems prevent phishing attacks by generating a new one-time-code.

3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ★ Uniqueness of our solution is not only detect the attacks it will interrupt and block the phishing websites and intimate to the users by sending notifications. ★ This project not only able to identify the malicious websites it also has the ability to automatically block these kind of websites completely in the future when it has been identified and also blocks some various mails /ads from these malicious websites.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ★ This helps to every user to secure from the web phishing attacks. This web phishing detection project attains the customer satisfaction by discarding various kinds of malicious websites to protect their privacy. ★ It is not only capable of using by an individual, also by a large social community and an organisation can use this web phishing detection to protect their privacy. This project helps to block various malicious websites simultaneously. ★ This techniques is safe and secure from the malware and cyber attacks. So the customer escape from the malicious attacks.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ★ The foremost secure model can provide your business with an easy-to-manage anti-phishing/anti-malware solution to secure the sensitive datas. ★ This developed model can be used as an enterprise applications by organisations which handles sensitive information and also can be sold to government agencies to prevent the loss of potential important data.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ★ To combat the evolving and complexity of the data will be accurate and high. To secure the information from the attacks without varying the rate of the scalability data. ★ This project's performance rate will be high and it also provide many capabilities to the user without reducing its efficiency to detect the malicious websites.