

Project Design Phase-I
Proposed Solution

Date	01 October 2022
Team ID	PNT2022TMID50116
Project Name	Web Phishing Detection
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p><u>PROBLEM</u></p> <ul style="list-style-type: none"> ➤ Phishing detection techniques suffer low detection accuracy & high false alarm specially in phishing <p><u>SOLUTION</u></p> <ul style="list-style-type: none"> ➤ Use anti-phishing protection & anti-spam software to protect yourself when malicious message slip through to your computer <p>Anti-malware is included to prevent other types of threats</p> <ul style="list-style-type: none"> ➤ Spam software ➤ Anti-malware software <p>These are programmed by security researchers to spot even the stealthiest + malware.</p>
2.	Idea / Solution description	<p><u>IDEA</u></p> <ul style="list-style-type: none"> ➤ Phishing assaults are usually detected by experienced users however, security is a primary concern for system users who are unaware & such situations <p><u>SOLUTION</u></p> <ul style="list-style-type: none"> ➤ Anti-phishing technology is designed to identify and block phishing emails using a variety of methods certain anti-phishing solution scan the content of inbound & internal emails for any sign of language that suggest a potential phishing or impersonation attack.
3.	Novelty / Uniqueness	<p><u>NOVELTY/UNIQUENESS</u></p> <ul style="list-style-type: none"> ➤ Since many phishing sites stay live for at least 48 hours, we monitored all sites for at least 2 days. Based on Cyrene's analysis, Google Chrome & Firefox did the best job of detection & blocking known phishing sites with Chrome blocking 74% of these sites within 6 hours 20 min on average.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ As a result of this, the organization as well as consumers are facing enormous social effects ➤ phishing is causing 2-way damage ➤ In the process of phishing, hackers mainly focus on extracting the details like bank account details, credit card passwords and Aadhar card verification
5.	Business Model (Revenue Model)	<p><u>BUSINESS MODEL</u></p> <ul style="list-style-type: none"> ➤ Linking Aadhar card ➤ Framework

6.	Scalability of the Solution	<p><u>SCALABILITY OF THE SOLUTION</u></p> <p>➤ Avoid falling victims to cyber-attacks including phishing, spear phishing and whaling phishing attempts account for the majority of malware & ransomware attacks.</p> <p><u>Highlights:</u></p> <ul style="list-style-type: none"> • CRN Magazines available • Newsletters available
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