

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID00904
Project Name	Web Phishing Detection
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Phishing sites are harmful websites that mimic trustworthy websites or web pages in an effort to steal users' personal information, including their user's name, password, and credit card number. Because phishing is mostly a semantics-based assault that focuses on human vulnerabilities rather than network or software flaws, identifying these phishing websites can be difficult.
2.	Idea / Solution description	<p>A deep learning-based framework by implementing it as a browser plug-in capable of determining whether there is a phishing risk in real-time when the user visits a web page and gives a warning message.</p> <p>The real-time prediction includes whitelist filtering, blacklist interception, and machine learning (ML) prediction.</p>
3.	Novelty / Uniqueness	Feel protected by using the website as the business-related credentials will be safe. Parents can be relaxed when kids explore educational website as the fraudulent website will be detected by our website
4.	Social Impact / Customer Satisfaction	The customer will come to know whether their details are safe/ not and the customer will be restricted from entering into the phishing websites.
5.	Business Model (Revenue Model)	Visitors engage with their ads, by generating impressions, engagements or clicks.
6.	Scalability of the Solution	Cost-effective and time-saving for global users residing at global locations.