Project Design Phase-I
Proposed Solution
Template

Date	31 October 2022
Team ID	PNT2022TMID31654
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)	• There are a number of users who purchase products online and make payment through internet banking. • Phishing is a fraudulent technique that is used over the internet to manipulate user to extract their personal information. • It will lead to property damage and information disclosure.
2.	Idea / Solution Description	• To overcome the problem of web phishing, awareness must be created among the user to phishing detection sites to prevent the personal loss and property damage. • Whenever a user clicks on the websites, it must alert the user to verify whether the site is secured or not
3.	Novelty / Uniqueness	• The phishing websites can be detected based on some important characteristics like URL and domain identity, security and encryption. • Uses the latest technique that gives an efficient and great performance and can easily differentiate the fake and safe URL's.
4.	Social Impact / Customer Satisfaction	• There are more than 4505 increase in phishing websites from January to March 2021. • As an impact of this model, people can to find fraudulent sites of fake websites. • So Users can avoid sharing sensitive data with fake sites
5.	Business Model (Revenue Model)	• It must be open source, so all the users can may make use of it. • The users may also buy annual subscription of advanced protection to protect their personal information.
6.	Scalability of the Solution	• The Users can efficiently and effectively gain knowledge about the web phishing techniques and the way to eradicate them by detecting and reporting the sites. • This System can also be integrated along with the future technologies.