

Project Design Phase-I Proposed Solution Template

Date	4 November 2022
Team ID	PNT2022TMID27633
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)	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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.