Project Design Phase-I
Proposed Solution Template

Date	04 November 2022
Team ID	PNT2022TMID38146
Project Name	Project -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)	● Web phishing aims to steal others private information such as usernames,passwords, and credit card details by the way of impersonating (fraud) a legitimate entity. ● Large organizations may get trapped easily in different kinds of scams. ● It will leads to information disclosure and property damage.
2.	Idea / Solution description	● In order to detect and predict phishing websites, we proposed an automated system that is based on regression and classification algorithms. ● We implemented regression algorithms and techniques to extract the phishing datasets and classify it based on their legitimacy.
3.	Novelty / Uniqueness	● The phishing website can be detected based on some important characteristics like URL,domain identity , security and encryption criteria in the final phishing detection rate. ● Once a user viewing a website our system will use a data mining algorithm to detect whether the corresponded website is a phishing website or not.
4.	Social Impact / Customer Satisfaction	● The feasibility of implementing this idea is moderate because neither it is easy nor tough because the system needs to satisfy the basic requirements of the customer as well as it should acts as a bridge towards achieving high accuracy on predicting and analyzing the detected websites or files or data to protect our customer to the fullest.

5.	Business Model (Revenue Model)	● People can buy subscription annually , to protect their files for both locally and at remote locations with the help of our cloud integrated flask app for web phishing detection.
6.	Scalability of the Solution	● The phishing detection can be set to automatic as an extension or any other cronjobs. ● This system can also be integrated with future technologies. ● By implementing this system , people can effectively and efficiently use this to gain knowledge about the web phishing techniques and ways to eradicate them.