Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMD47961
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 detection using machine learning a web URL suspected to be a phishing website.goal: To design an efficient and adaptive phishing detection algorithm that has the ability to adapt to newer data or phishing attack vectors discover in the wild
2.	Idea / Solution description	The data for this project is a collection of records. This stage includes choosing a sample of all available information on which to work. Data, especially as the huge quantity of data whereby the target output has been established, is the starting point for machine learning challenges. Data that has been labeled contains information for which we have an answer
3.	Novelty / Uniqueness	the uniqueness of Web SSO phishing, and thus have not been taken seriously by the community in the process of promoting the Web threat from phishing attacks to real-world Web SSO
4.	Social Impact / Customer Satisfaction	users' login credentials, financial information (such as credit cards or bank accounts), company data, and anything that could potentially be of value.
5.	Business Model (Revenue Model)	phishing detection model we suggest that all models should have FPR/FNR trade-off tuned to the particular risk assessment of the deployment site. In … Hence in our project we focused
6.	Scalability of the Solution	This paper presents a proposal for scalable detection and isolation of phishing. The main ideas are to move the protection from end users towards the network provider and to employ the novel bad neighbourhood concept,

		in order to detect and isolate both phishing e-mail senders and phishing web servers.