Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID41370
Project Name	Project – Web Phishing Detection
Maximum Marks	2 Marks

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 payments through e-banking. There are e-banking websites that ask users to provide sensitive data such as username, password & credit card details, etc., often for malicious reasons. This type of e-banking website is known as a phishing website. Problem is to detect and predict e-banking phishing websites.
2.	Idea / Solution description	We have to build an intelligent system that will detect and predict phishing websites.
3.	Novelty / Uniqueness	It will detect the phishing websites accurately and notify the users if it is a phishing website.
4.	Social Impact / Customer Satisfaction	Customers will get a notification that shows this page is not secure, the user is not reliable and do not open it or make any transactions. By warning the customer before opening the page it makes the customer feel secure and help them detect phishing websites. So, the customers are highly satisfied.
5.	Business Model (Revenue Model)	This model gives high revenue because all the users will use this web phishing detection because they don't want to make unsafe transactions that will make them loose their money.
6.	Scalability of the Solution	The total execution time of our approach in phishing webpage detection is around 2–3 s, which is quite low and acceptable in a real-time environment. As the input size increases execution time increases and this makes the system difficult to handle increasing stress.