Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID42127
Project Name	Web Phishing Detection
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	➢ Phishing is a major problem, which uses both social engineering and technical deception to get users' important information such as financial data, emails, and other private information. ➢ Phishing exploits human vulnerabilities; therefore, most protection protocols cannot prevent the whole phishing attacks.
2.	Idea / Solution description	➢ A machine learning model was proposed to detect phishing web pages. To detect phishing web pages, we proposed a machine learning model. This study aims to detect phishing URLs and narrow down the best machine learning method. ➢ Use of pre-defined blacklisted website dataset
3.	Novelty / Uniqueness	➢ The e-banking phishing website can be detected based on some important characteristics like URL and domain identity, and security and encryption criteria in the final phishing detection rate. ➢ Once a user makes a transaction online when he makes payment through an e-banking website our system will use a data mining algorithm to detect whether the e-banking website is a phishing website or not.
4.	Social Impact / Customer Satisfaction	➢ The importance to safeguard online users from becoming victims of online fraud, divulging confidential information to an attacker among other effective uses of

		phishing as an attacker's tool, phishing detection tools play a vital role in ensuring a secure online experience for users
5.	Business Model (Revenue Model)	➢ People buy subscription annually,to protect their files both locally and at remote location with the help of our cloud integrated flask app for web phishing detection. ➢ We are providing the product as Software as a service model, so that users can easily use the product without any difficulties.
6.	Scalability of the Solution	➢ By the implementation of the system, We can gain the knowledge about the Phishing Website. ➢ We can improve more Efficient technology in Web Phishing detection.