Date	26 October 2022
Team ID	PNT2022TMID36919
Project Name	Web phishing detection

Project Design Phase-I
Proposed Solution Template

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	Anti-spyware and firewall settings should be used to prevent phishing attacks and users should update the programs regularly. Firewall protection prevents access to malicious files by blocking the attacks. Antivirus software scans every file which comes through the Internet to your computer.
3	Novelty / Uniqueness	<u>Phishing attacks</u> are one of the most challenging social engineering cyberattacks due to the large amount of entities involved in online transactions and services. In these attacks, criminals deceive users to

| | | hijack their credentials or sensitive data through a login form which replicates the original website and submits the data to a malicious server. Many anti-phishing techniques have been developed in recent years, using different resource such as the URL and HTML code from legitimate index websites and phishing ones. These techniques have some limitations when predicting legitimate login websites, since, usually, no login forms are present in the legitimate class used for |

		training the proposed model.
4	Social Impact / Customer Satisfaction	This web phishing detection project attains the customer satisfaction by discarding various kinds of malicious websites to protect their privacy. This project is not only capable of using by an single individual ,a large social community and a organisation can use this web phishing detection to protect their privacy. This project helps to block various malicious websites simultaneously
5	Business Model (Revenue Model)	This developed model can be used as an enterprise applications by organisations

		which handles sensitive information and also can be sold to government agencies to prevent the loss of potential important data.
6	Scalability of the Solution	This project's performance rate will be high and it also provide many capabilities to the user without reducing its efficieny to detect the malicious websites. thus scalability of this project will be high .