Project Design Phase-I
Proposed Solution Template

Date	14 October 2022
Team ID	PNT2022TMID01355
Project Name	Project - Web phishing Detection
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The fact that notable hackers are continuously coming up with new ways to overcome our barriers presents a unique difficulty in this field. The problem with the current technologies is that they occasionally discover small false positive and false negative results. By adding a significantly improved feature to the machine learning algorithm, which would produce significantly higher accuracy, these drawbacks can be eliminated.
2.	Idea / Solution description	We concentrate on adding the project directly to the Browser extension so that if a user clicks on a specific URL and if that URL is a phishing site, a pop-up warning message appears.
3.	Novelty / Uniqueness	1. We created the Web application known as Web Phishing Detection using machine learning. 2. It determines whether or not the website is harmful by looking at the URL and the number of visitors who have visited that specific webpage or website.
4.	Social Impact / Customer Satisfaction	1. To increase public awareness of various cyberattacks, particularly this phishing attack. 2. This paradigm can be unlearned and relearned in numerous parts of data theft and cyber security.
5.	Business Model (Revenue Model)	1. This approach protects the banking and financial industries from data loss and data attack, resulting in no external financial loss. 2. In business organisations, companies can utilize this tool to prevent cyberattacks and to put improvements in place for the next time one occurs.
6.	Scalability of the Solution	1. We provide a good, functional UI/UX design for detecting web phishing. 2. In order to achieve higher accuracy than other algorithms, the model is tested and trained on a variety of datasets.