Project Design Phase-I
Proposed Solution

Date	18 October 2022
Team ID	PNT2022TMID43816
Project Name	Project - WEB PHISHING DETECTION
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Nowadays, there are many people who are purchasing products and making online transactions through various websites. Sensitive data like user information, passwords, card details are asked by malicious website to steal customer's information. So, this kind of malicious activities must be detected.
2.	Idea / Solution description	Using data visualization and machine learning algorithms, the user will find the Legitimate websites and to determine the difference between the legitimate websites and the web phishing websites.
3.	Novelty / Uniqueness	The user will be notified if the website is malicious via SMS / WhatsApp / e-mail such that their privacy will be ensured and awareness will be created.
4.	Social Impact / Customer Satisfaction	Since Data mining algorithm is also used in this system, it provides better performance as compared to other traditional classifications algorithms. With the help of this system user can also purchase online products without any hesitation. The accuracy of phishing site identification is approximately 92.55%
5.	Business Model (Revenue Model)	Revenue will be generated through charging a price(subscription) to the advanced features and basic features will be free of cost. We can also get revenue by including Advertisements in the website.
6.	Scalability of the Solution	It's possible to make changes to software, which can accept new testing data and should also take part in training data and predict accordingly. In future prediction, module can be more improved and integrated. We will deploy the website in the IBM cloud and the end user can make use of it.