

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID51322
Project Name	Project - Web phishing detection
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Phishing attack is now a big threat to people's daily life and networking environment. Through disguising illegal URLs as legitimate ones, attackers can induce users to visit the phishing URLs to get private information and other benefits. Effective methods of detecting the phishing websites are urgently needed to alleviate the threats posed by the phishing attacks.
2.	Idea / Solution description	The 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.
3.	Novelty / Uniqueness	In this project we propose phishing domain (or Fraudulent Domain) characteristics, the features that distinguish them from legitimate domains, why it is important to detect these domains, and how they can be detected using machine learning and natural language processing techniques.
4.	Social Impact / Customer Satisfaction	users are found and trust the legitimate websites easily.
5.	Business Model (Revenue Model)	Every industrial individual or online banking customers are prevented against fraudulent website
6.	Scalability of the Solution	This project gives trustworthy websites to users.