

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID49605
Project Name	Web Phishing Detection

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)	Many users unwittingly click phishing domains every day and every hour. The attackers are targeting both the users and the companies. This leads to loss of personal data, credentials, medical records etc.
2.	Idea / Solution description	1)Machine learning is a powerful tool used to strive against phishing attacks. The website used for detection and detection techniques using machine learning. 2)Random Forest and decision tree algorithm is used to detect the phishing websites.
3.	Novelty / Uniqueness	1)This website uses ML algorithm to detect the phishing websites. 2)The website has chatbot where the user can clear their queries.
4.	Social Impact / Customer Satisfaction	1)It prevents the user from the duplicate websites and loss of data, money etc. 2) Lots of cybercrimes must be stopped using this website and privacy must be secured
5.	Business Model (Revenue Model)	This website has premium subscription which include a chrome extension so the detection of phishing website will be easy to the users.
6.	Scalability of the Solution	1)This website can handle large number of users simultaneously and have accurate solution. 2)The detection of phishing websites is quick and easy to use.