

## Project Design Phase-I

### Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID35406
Project Name	Project – Web Phishing Detection Technology
Maximum Marks	2 Marks

#### Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Our main aim of this paper is classification of a phishing website with the aid of various machine learning techniques to achieve maximum accuracy and concise model.
2.	Idea / Solution description	This strategy has a strong generalisation capacity to find unknown malicious URLs compared to the blacklist approach. Anti-spyware and firewall settings should be used to prevent phishing attacks and users should update the software automatically.
3.	Novelty / Uniqueness	Python serves as a powerful tool to execute the application with Low false positives, High accuracy. It can easily differentiate the fake and safe URLs. If it's fake means, a warning message will be intimate to the users
4.	Social Impact / Customer Satisfaction	Phishing has a list of negative effects on a business, including loss of money, loss of intellectual property, damage to reputation, and disruption of operational activities. ∪ As an impact of this model, people can able to find out fraudulent websites or fake ones.
5.	Business Model (Revenue Model)	Our model can be used by all people to secure their data from malicious websites. It's an open source tool.
6.	Scalability of the Solution	The methods are evaluated in terms of learning rate, accuracy, and precision. It presents the learning rate of the methods during the training phase. The performance of three detectors during the training phase are similar. It is evident that the learning ability of methods are same.