

Project Design Phase-I

Proposed Solution

Date	12/10/2022
Team ID	PNT2022TMID52273
Project Name	Web Phishing Detection
Maximum Marks	2 marks

Proposed Solution

Sl.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">➤ Data and Assets may be stolen or damaged.➤ Customers might be unable to access online services.➤ Malicious statement steals the login credentials or financial information like credit card numbers.
2.	Idea / Solution description	<ul style="list-style-type: none">➤ Detection of malicious websites➤ To detect the web phishing websites for providing secured e-banking transactions, we proposed an intelligent and effective system based on classification machine learning algorithm.➤ Classification algorithms helps to identify the phishing datasets based on their authorized information like URL, Domain identity and encryption criteria.➤ Once the user logs in to the e-banking websites, the proposed algorithm identifies the legitimacy of the website

		and blocks the phishing site
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ➤ The proposed classification algorithm helps to identify the phishing site in an effective manner and blocks the site while avoiding the property damage for the users ➤ Security alert ➤ The proposed model helps users to avoid getting trapped in different kinds of scams. ➤ Our model will recognize fake vs real URLs
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ➤ It will save the users from fraudulent websites and reduced global economical losses caused by web phishing every year. ➤ It gives a reliable way to detect web phishing and scamming sites. ➤ It provides a secured and confidential environment for e-banking.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ➤ Our project can be used in e-commerce and online e-banking transactions.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ➤ It will be useful for a wide range of users from individual users to corporate, banks and universities. ➤ Helps in reducing economical loss caused by these web phishing incidents and also protects from confidential. ➤ It identifies the suspicious phishing mails and enhances the security software.