Project Design Phase-I

Proposed Solution

Date	20 September 2022
Team ID	PNT2022TMID24960
Project Name	Web phishing attack
Maximum Marks	2 Marks

Proposed Solution Template:

S.No	**Parameter**	**Description**
1.	Problem Statement (Problem to be solved)	To provide high detection efficiency, incorrect classification of benign sites as phishing (false-positive) should be minimal and correct classification of phishing sites (true-positive) should be high.
2.	Idea / Solution description	The prediction of the phishing detection approach must be provided before exposing the user's personal information on the phishing website.
3.	Novelty / Uniqueness	Third-party services may raise the effectiveness of the detection approach, they might misclassify benign websites if a benign website is newly registered.

4.	Social Impact / Customer Satisfaction	The feature set defined in our work are lightweight and client-side adaptable, which do not rely on third-party services such as blacklist/whitelist, Domain Name System (DNS) records, WHOIS record (domain age), search engine indexing, network traffic measures, etc.
5.	Scalability of the Solution	Accuracy of the model can be increased by training with large data. The model can be made to learn from the user input. Model is deployed in the web where the public from across the world can use to predict the likeliness of web phishing detection.