

PROJECT DESIGN PHASE – 01

PROPOSED SOLUTION

TEAM ID	PNT2022TMID35745
PROJECT NAME	WEB PHISHING DETECTION

PROPOSED SOLUTION:-

S.NO	PARAMETER	DESCRIPTION
1	Problem Statement(Problem to be solved)	There are a number of users who purchase products online and make payments through e-banking. There are e-banking websites that ask users to provide sensitive data such as username, password & credit card details etc., often for malicious reasons. This type of e-banking website is known as phishing website. Web service is one of the key communications software services for the internet.
2	Idea/Solution description	Inorder to detect and predict e-banking phishing websites, we proposed an effective system using Machine Learning and data mining techniques like classification algorithms. This system gives user like a warning signal to notify these phishing websites. It helps them to safeguard their identities and their login credentials.
3	Novelty/Uniqueness	Most of the projects only identifies the phishing websites. Here we not only identify them but also automatically block these kind of websites completely in future and also blocks some mails/ads from these malicious websites.
4	Social Impact/Customer satisfaction	The web phishing detection project attains the customer satisfaction by discarding various kinds of malicious websites to protect their privacy. This project does not only support single user but also supports a large social community. It can also help an organization to protect their privacy.

5	Business Model(Revenue Model)	This developed model helps banking sector as it secures the legitimate website from other malware that are set by hacker. It can also be used by enterprise applications by organizations which handles sensitive information and also can be sold to government agencies to prevent the loss of potential important data.
6	Scalability of the solution	This model provides many capabilities to the user without reducing its efficiency to detect the malicious websites. It is a user friendly model. The performance rate will also be high.