PROJECT DESIGN PHASE – 01

PROPOSED SOLUTION

TEAM ID	PNT2022TMID35298
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	We proposed an effective system using machine learning algorithms and data mining techniques to detect e-banking websites. This proposed system helps to give users a warning message in order to notify them about the phishing websites. With this we can secure our sensitive information from leakage.
3	Novelty/Uniqueness	Apart from identifying those phishing websites we also do an automatic blocking of those websites in future and also block mails or pop-up ads from those malicious websites.
4	Social Impact/Customer satisfaction	The main objective of this project is customer satisfaction by completely discarding the malicious websites in order to protect the security and privacy. This project doesn't consider a single user but a large community of people. It helps many organizations to safeguard their privacy.
5	Business Model(Revenue Model)	This proposed model helps many banking sectors as it helps to secure the legal legitimate website from the dangerous malware which are induced by

		the hackers. It helps many organizations to handle the sensitive information without stealing. It can also be used by government enterprises to keep the data secure without leakage
6	Scalability of the solution	It is more user-friendly, reliable and robust. The performance of this model is relatively high as it provides many capabilities to the user without reducing the efficiency.