Project Design Phase-I

Proposed Solution

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	I am a customer, I'm trying to transfer money but the website seems to be phished because the words are misspelled which makes me feel fright.
2	Idea/Solution Description	To begin with **verify the site security**, ensuring the site's URL begin with https, look for a closed lock near the address bar and checking online account regularly- Regularly change the passwords to online account which prevents many attacks. Finally never share your Personal details and financial details over the internet.
3	Novelty / Uniqueness	We can identify by our own knowledge, and Twofactor Authentication is provided while login or transaction.
4	Social Impact / Customer Satisfaction	Transaction can be done without any hesitation.
5	Business Model (Revenue Model)	Subscription method or Freemium method
6	Scalability of the Solution	Two-factor Authentication makes the problem easy

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	I am a Student, I'm trying to get information from website but I am receiving public mails because it asked my personal details which makes me feel irritate.

2	Idea / Solution Description	The solution is to use software detection method which distinguish the website whether it is legitimate or not by automatic method.
3	Novelty / Uniqueness	It uses both heuristic and black based approach
4	Social Impact / Customer Satisfaction	The user can use these toolbars as a web browser extension, they get alarm while they use the phishing website and internet users who lack knowledge can identify phishing attack themselves.
5	Business Model (Revenue Model)	Subscription based model
6	Scalability of the Solution	This uses ML algorithm for detection which is highly scalable.

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	I am a worker, I'm trying to read work related emails but I can't identify whether it is malicious or not because it looks real which makes me feel confused.
2	Idea/Solution Description	This problem can overcome by using **antiphishing software** which can easily detect malicious e-mails before they entering the system and **anti-phishing tools** which works by keeping a check on every click by the user and blocks any malicious site from opening.
3	Novelty / Uniqueness	It is the right tool to prevent the cyber-attackers from crossing the line of defence.
4	Social Impact / Customer Satisfaction	By doing this one can be aware of suspicious mails and links.
5	Business Model (Revenue Model)	Advertisement method
6	Scalability of the Solution	This tool gives high performance and optimization.

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	I am a customer, I'm trying to purchase products but I am afraid to login my credentials because it might be a scammed application which makes me feel unsecured.
2	Idea/Solution Description	Check the official website and contact them for more information.
3	Novelty / Uniqueness	Gives explicit information about products and other related details for user.
4	Social Impact / Customer Satisfaction	They can buy whatever they wish to without fear
5	Business Model (Revenue Model)	Pay-per-use method and Freemium method
6	Scalability of the Solution	High accuracy detection and reliable