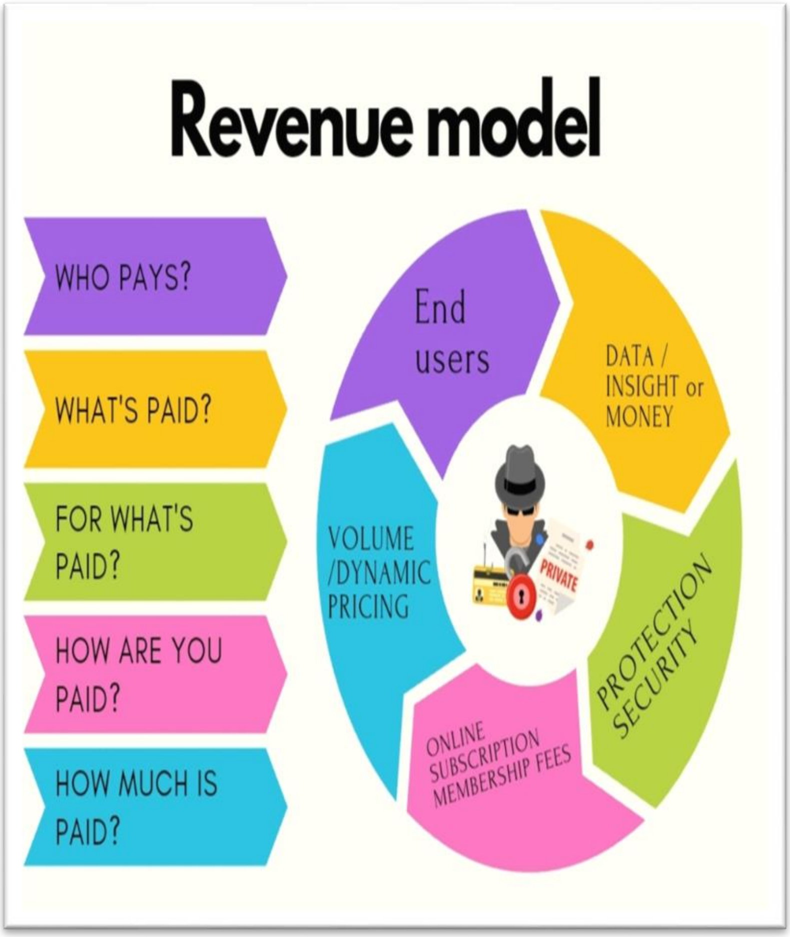
Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID40431
Project Name	Web phishing detection
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Phishing has become one of the biggest and most effective cyber threats causing hundreds of Million of dollars in losses and millions of data breaches every years .Attackers fool the users by presenting the marked webpage as legitimate or trustworthy to retrive their essential data such as username, password and credit card details etc., often for malicious reasons.
2.	Idea / Solution description	In order to detect and predict phishing website, we proposed an intelligent, flexible and effective system that is based on using classification, data mining algorithm. We implemented classification algorithm and techniques to extract the phishing data sets criteria to analyse their legitimacy. The solution should be useful in preventing online frauds leading to leakage of important and private user data. The mechanisms deals in order to ensure high security.
3.	Novelty / Uniqueness	We have evaluated the performance of our proposed phishing detection approach on various classification algorithm. Our system will use a datamining technique approach whether e-banking website is a phishing website or not. The system detect the phishing website and alert the user beforehand by giving signals as to prohibit the users from getting their misused credentials.
4.	Social Impact / Customer Satisfaction	Data collection to demonstrate the scalability of phishing attacks system choosing OTT attack channel. From our proposed solution, with the development of the internet, customer get statisfied by the significant security benefits and keeping both users and device safe. And proactively protect against phishing which reduce time-consuming security management.

5.	Business Model (Revenue Model)	To avoid phishing in e-banking, it can be used in the authorised e-banking apps, so it avoid money loss to the common peoples and very helpful to the business man who will be in some confused state to use online banking.  Revenue model WHO PAYS? WHAT'S PAID? FOR WHAT'S PAID? HOW ARE YOU PAID? HOW MUCH IS PAID? End users DATA / INSIGHT or MONEY PROTECTION SECURITY ONLINE SUBSCRIPTION MEMBERSHIP FEES VOLUME /DYNAMIC PRICING PRIVATE
6.	Scalability of the Solution	The system analyses all e-banking websites and check against past phishing patterns to detect and classify e-banking sites as genuine or phishing. This technology has maximum accuracy.