Project Design Phase-I
Proposed Solution Template

Date	30 October 2022
Team ID	PNT2022TMID10245
Project Name	Project - 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 sites are malicious website that aim to steal user's personal data. Spotting these phishing website is typically a challenging task because phishing is mainly a semantic-based attack that mainly focused on software vulnerability etc
2.	**Idea / Solution description**	Our product server as a browser extension and it scrapes the website URL and runs it through our ML model. If the model detects it as a phishing website,the extension notifies the user.
3.	**Novelty / Uniqueness**	The browser extension factors is not used in any previous works. The user does not have to think twice before using a website,our extention will take care of the classifying work.
4.	**Social Impact / Customer Satisfaction**	Reduce the amount of information stolen by phishing sites and also increase customer satisfaction as they would be reassured when using legitimate website.
5.	**Business Model (Revenue Model)**	We propose a two tier system namely a FREE and PREMIUM tire. The FREE tier would include ads and the PREMIUM tier is a recurring subscription either monthly or annually.
6.	**Scalability of the Solution**	Since this is a browser extension which would be published in Chrome Marketplace,it can be accessed and used by everyone across the world.