

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID49434
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.