Project Design Phase-II
Solution Requirements
(Functional & Non functional)

Date	8 November 2022
Team ID	Team ID: PNT2022TMID35745
Project Name	Web Phishing Detection
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration is done through form Registration is done through Gmail
FR-2	User Confirmation	Confirmation is made via Email
FR-3	Website identification	Proposed model detects the malicious website using blacklist and also gives alarming message
FR-4	Prediction	Proposed model predicts the URL using Machine Learning algorithms such as Regression, KNN
FR-5	Classifier	Proposed model predicts the output to the classifier and produces the final result.
FR-6	Results	Proposed model predicts the website and give pop-ups messages in order to prevent the user from entering any confidential details

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User can access to several website without any feeling of fear ness using web phishing detection making sure that o data is being lost.
NFR-2	**Security**	User has the flexibility to check whether the websites are secure or not by getting pop-up messages
NFR-3	**Reliability**	User should feel reliable while using any Website
NFR-4	**Performance**	The performance must be faster and user friendly in order to have effective performance
NFR-5	**Availability**	The users should have the availability to access the resources that are valid and reliable
NFR-6	**Scalability**	The performance of the website should be scalable to handle the increasing user and Make sure to load without any disturbance