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

Date	28 October 2022
Team ID	Team ID: PNT2022TMID41066
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 through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	Website identification	Model Detects the malicious website using blacklist And give alert message
FR-4	Prediction	Model predicts the URL using Machine Learning algorithms such as Regression, KNN
FR-5	Classifier	Model predicts all the output to classifier and produces the final result.
FR-6	Results	Model predict the website and give pop- up to the user before they enter 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 easily using web phishing detection without loosing any data
NFR-2	**Security**	User can check whether the websites are secure or not by getting pop-up message
NFR-3	**Reliability**	User should feel it reliable while using any website
NFR-4	**Performance**	The performance should be faster and user friendly for the effective performance
NFR-5	**Availability**	The users should get availability to access the resources must be valid and reliable
NFR-6	**Scalability**	The performance of the website should be efficient to handle the increasing user and loads without anydisturbance