PROJECT DESIGN PHASE-II
SOLUTION REQUIREMENTS
(FUNCTIONAL & NON-FUNCTIONAL)

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Team ID	PNT2022TMID16684
Project Name	WEB PHISHING DETECTION

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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Website Comparison	The model compares the websites using Blacklist and Whitelist approach
FR-4	Prediction	The model predicts the URL using a Machine Learning algorithms such as Logistic Regression, KNN
FR-5	Classifier	The model sends all output to the classifier and produces the final result.
FR-6	Events	This model needs the capability of retrieving and displaying accurate results for a website

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Users can have full access to the particular websites they using and must proceed some certain user-friendly websites so that it does not affect the data.
NFR-2	**Security**	To check whether the particular website is secure or not we can notify it by displaying an alert box while using the website.
NFR-3	**Reliability**	It must be a reliable source for the users while they using the websites.
NFR-4	**Performance**	The performance must be good while using the websites to which the users proceed the website.
NFR-5	**Availability**	The website availability must be valid for the users to access the resources.
NFR-6	**Scalability**	It must be able to handle an increase in users and loads without disrupting the end users.