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

Date	16 October 2022
Team ID	PNT2022TMID26927
Project Name	Project - 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	Checking URL	User in doubt about a website
FR-2	Copying URL	User can copy the suspicious URL and paste in the Search Engine.
FR-3	URL Extraction	After pasting URL in the Search Engine, it can extract all the information about URL.
FR-4	Data Processing	Search Engine will compare the URL with given dataset byusing ML algorithms
FR-5	Predicating	The Search Engine predict the result of given URL and showing negative and positive of the URL.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The user can easily understand the website there is no difficulties in finding the Search Engine.
NFR-2	**Security**	The site is mainly provided for the security process only so there is no possibility for security issues
NFR-3	**Reliability**	All the data processing and prediction are hide to the end users. Showing the positive and negative of the result and it never predict wrongly.
NFR-4	**Performance**	The dataset is used with python and ML algorithms resulting in faster performance
NFR-5	**Availability**	All the basic resources are made available to the end users.
NFR-6	**Scalability**	Multiple URLs can be checked at a given time