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

Date	16 October 2022
Team ID	PNT2022TMID39819
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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Authenticate user	User verification using username and password
FR-4	Scan URL IP address/Domain name	Enter URL(www.facebook.com) Enter IP address(109.92.17.889)/Enter Domain name
FR-5	API	Get API key for automated anti-phishing detection.
FR-6	Detected Output	Output of given link Suggested links based on user interest

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The user explicitly understand the flow of app easily without any guidelines/manuals.
NFR-2	**Security**	All authentication token are saved on local device for comparison and needs user permission to gain access.
NFR-3	**Reliability**	The application/website is reliable. Every action is performed with confirmation.
NFR-4	**Performance**	The landing page supports users 5-6 second or less response in a chrome desktop browser over good internet connection.
NFR-5	**Availability**	The user can access application on common available platform.
NFR-6	**Scalability**	The app/website is capable of handling when user data increase storage by optimising the way storage is done and accessed.