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

Date	03 October 2022
Team ID	PNT2022TMID13259
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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Authentication	Confirmation of Google Firebase
FR-4	User Security	Strong Passwords, 2FA and FIDO2.0
FR-5	User Performance	Usage of Legitimate websites, Optimize Network Traffic

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It is incredibly user-friendly, and through our alert message, even those with limited knowledge may recognize when they are accessing a bogus website.
NFR-2	**Security**	One may simply trust our detection website because it cannot be hacked, and they will be protected from financial and information loss as a result.
NFR-3	**Reliability**	It consistently performs well because it aggressively identifies phony websites, safeguards user data, and prevents financial loss.
NFR-4	**Performance**	Due to its ease of use, high level of security, and scalability, web phishing detection performs well and is quite effective.
NFR-5	**Availability**	This user-friendly detection website is accessible on any device, including desktop, laptop, and mobile.
NFR-6	**Scalability**	The fundamental concepts for phishing detection and isolation are to shift end-user protection to the network provider and to apply the innovative "bad neighborhood" concept in order to identify and isolate both phishing emails.