

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

Date	15 October 2022
Team ID	PNT2022TMID22986
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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Registered User - Login	Login through password (Form) Login through Gmail Login through LinkedIn
FR-4	Verify the link provided by the user	User inputs the link to be verified
FR-5	Display the result	If the site link is a phishing site, user must be aware and read the precautions displayed If the site link is legit, exit the application
FR-6	Share Queries	If any doubts, send query Read FAQs

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Engage the user about the process to ensure that the functionality can meet design and usability requirements.
NFR-2	<b>Security</b>	It includes intrusion prevention and detection, authentication, authorization, and confidentiality of the user information.
NFR-3	<b>Reliability</b>	It focuses on preventing failures during the lifetime of the product or system, from commissioning to decommissioning.
NFR-4	<b>Performance</b>	It is the ability of the application to always run acceptably. In time-critical scenarios, even the smallest delay in processing data can be unacceptable.
NFR-5	<b>Availability</b>	Ensuring that the application can meet its availability targets to be resilient (fault tolerance).

NFR-6	<b>Scalability</b>	It is the ability for the application to scale to meet increasing demands; for example, at peak times or as the system becomes more widely adopted.
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