

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

Date	22 October 2022
Team ID	PNT2022TMID10819
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	Form 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	The user inputs the link to be verified
FR-5	Display the result	If the site link is a phishing site, the user must be aware of 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	Usability	Engage the user about the process to ensure that the functionality can meet design and usability requirements.
NFR-2	Security	It includes intrusion prevention and detection, authentication, authorization, and confidentiality of the user information.
NFR-3	Reliability	It focuses on preventing failures during the lifetime of the product or system, from commissioning to decommissioning.
NFR-4	Performance	The application can always run acceptably. In time-critical scenarios, even the smallest delay in processing data can be unacceptable.
NFR-5	Availability	Ensuring that the application can meet its availability targets to be resilient (fault tolerance).
NFR-6	Scalability	The application can scale to meet increasing demands; for example, at peak times or as the system becomes more widely adopted.