

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

Date	03 October 2022
Team ID	PNT2022TMID08662
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 Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	User Authentication	Authentication via Password
FR-4	User Input	The suspicious URL is entered to check its status
FR-5	Reporting	The latest phishing URL can be reported for further verification if the accuracy is not satisfied
FR-6	Result/output	Model after comparison and analysis displays the safe/unsafe message with percentage

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user interface is clean, so that the user gets the expected result without any difficulties.
NFR-2	Security	The database is prevented from any tampering to provide a genuine result.
NFR-3	Reliability	If due to some injection attack or failure the backup updates are rolled back.
NFR-4	Performance	The result for the search will not take more than a minute to give out the result.
NFR-5	Availability	The server can handle required amount of response and are available even in the database updating process.
NFR-6	Scalability	The traffic limit and the accuracy will be increased to offer a better service.