

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

Date	13 October 2022
Team ID	PNT2022TMID30885
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 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	<b>Usability</b>	The user interface is clean, so that the user gets the expected result without any difficulties.
NFR-2	<b>Security</b>	The database is prevented from any tampering to provide a genuine result.
NFR-3	<b>Reliability</b>	If due to some injection attack or failure the backup updates are rolled back.
NFR-4	<b>Performance</b>	The result for the search will not take more than a minute to give out the result.
NFR-5	<b>Availability</b>	The server can handle required amount of response and are available even in the database updating process.
NFR-6	<b>Scalability</b>	The traffic limit and the accuracy will be increased to offer a better service.