

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

<b>Date</b>	18.11.2022
<b>Team ID</b>	PNT2022TMID07412
<b>Project Name</b>	Web Phishing Detection
<b>Maximum Marks</b>	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution

FR No.	Functional Requirement (Epic)	Sub Requirement
FR-1	User Registration	Register by providing information such as your name, email address, password, phone number, and so on.
FR-2	User Confirmation	Log in with your registered email address and password. After registering, the user/admin may enter his details to access.
FR-3	Building requirements	Create and compare multiple machine learning models for detecting web phishing.
FR-4	Verify the website	Here, the user enters the URL to search the banned website.
FR-5	Integration	linking the frontend with the created ML model.
FR-6	Warning Message	Notify the user about the harmful website via phone or email.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
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NFR-1	Usability	For detection, any URL must be permitted.
NFR-2	Security	Notify the user about the harmful website via phone or email.
NFR-3	Reliability	The online phishing domains must be correctly recognised, and the output must be accurate.
NFR-4	Performance	Measures how quickly the pages of a website load and display in the result.
NFR-5	Availability	It must be possible for everyone to sign up and log in at any time.
NFR-6	Scalability	It must be capable of managing the workload.