

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

Date	03 October 2022
Team ID	PNT2022TMID
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 through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Model Building	Building various Machine Learning model to detect web phishing and compare them.
FR-4	Check URL	Get the URL from the user and display if the website is malicious or not
FR-5	Integration	Integrate the developed Machine Learning Model using Flask
FR-6	Alert Message	Notify the user through email or phone regarding the malicious website.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Any URL must be accepted for detection
NFR-2	<b>Security</b>	Alert message must be send to the users to enable secure browsing.
NFR-3	<b>Reliability</b>	The Phishing websites must detected accurately and the results must be reliable
NFR-4	<b>Performance</b>	The performance and interface must be user friendly
NFR-5	<b>Availability</b>	Anyone must be able to register and login
NFR-6	<b>Scalability</b>	It must be able to handle increase in the number of users.