

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

Date	03 October 2022
Team ID	PNT2022TMID36037
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	Register by entering details such as name, email, password, phone number, etc.
FR-2	User Login	Login using the registered email id and password.
FR-3	Model Building	Build various machine learning model to detect web phishing and compare them.
FR-4	Check URL	Get the URL from user and display if the website is malicious or not
FR-5	Integration	Integrate the frontend and the developed ML 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	Usability	Any URL must be accepted for detection.
NFR-2	Security	Alert message must be sent to the users to enable secure browsing
NFR-3	Reliability	The web phishing websites must be detected accurately and the result must be reliable.
NFR-4	Performance	The performance and interface must be user friendly
NFR-5	Availability	Anyone must be able to register and login.
NFR-6	Scalability	It must be able to handle increase in the number of users.