

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

Date	14 October 2022
Team ID	PNT2022TMID08565
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	Website Comparison	Blacklist filtering and Whitelist filtering techniques are used to compare the website URL.
FR-2	Feature Selection	Based on the length of an URL, number of dots in URL and check for the correct spelling and grammar.
FR-3	Prediction	Model predicts the URL using Machine Learning Algorithms.
FR-4	Classifier	Send all the output to the classifier and produces the final output results.
FR-5	Detection	The model developed should have the capability to retrieve and display the correct accuracy of the website.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user should have the full access to login into website without asking the personal details like password, credit card and debit card number.
NFR-2	Security	To find that whether the particular website is secure or not we can either send a mail or we can either notify it by showing a warning message while using the websites.
NFR-3	Reliability	The website should be more trustworthy to the user when they are using it.
NFR-4	Performance	The performance of the website is mainly based on the how quickly the site content loads and displays the screen and how well it responds to the user interaction.
NFR-5	Availability	The website should be available to all the users to access the resources.
NFR-6	Scalability	The website should be able to handle the large number of users at a same time without getting hanged or disrupting the users.