

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

Date	28 October 2022
Team ID	Team ID: PNT2022TMID35278
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	User Registration is carried out through Gmail
FR-2	User Confirmation	Confirmation is done via an Email
FR-3	Website identification	The proposed model also detects the malicious blacklist and also gives an alarming message
FR-4	Prediction	The proposed model predicts the URL using a Learning algorithms such as Regression, KNN
FR-5	Classifier	The proposed model predicts the output to the classifier and produces the final result.
FR-6	Results	The proposed model predicts the website and gives pop - ups messages in order to prevent the user from entering any confidential details

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Users can access to several websites without any feeling of fearness using web phishing detection to make sure that no data is being lost.
NFR-2	Security	User has the flexibility to check whether the websites are secure or not by getting pop-up messages
NFR-3	Reliability	Users should feel reliable while using any Website
NFR-4	Performance	The performance must be faster and the user friendly in order to have effective performance
NFR-5	Availability	The users should have the availability to access

		the resources that are valid and reliable
NFR-6	Scalability	The performance of the website should be scalable to handle the increasing user and Make sure to load without any disturbance