

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

Date	20 October 2022
Team ID	PNT2022TMID35411
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	Registration through Gmail Registration using Forms
FR-2	User Confirmation	Confirmation via Email
FR-3	Website identification	Model Detects the malicious website and notifies user.
FR-4	Prediction	Model predicts the URL using algorithms such as Regression, KNN.
FR-5	Classifier	Model predicts the output to the classifier and prints the result on the screen.
FR-6	Results	Model predict the website and generates a pop-up message to the user before they enter 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	User can browse websites easily using web phishing detection without fear of losing data.
NFR-2	Security	User can authenticate websites by getting pop-up messages
NFR-3	Reliability	The product should be reliable for all websites
NFR-4	Performance	The analysis time should be fast as user should not stay connected to malicious websites for long

NFR-5	Availability	All users should get access to the resources at all possible locations
NFR-6	Scalability	The performance of the website should be efficient to handle increasing user and loads without much disturbance