

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

Date	15 October 2022
Team ID	PNT2022TMID3384
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Objective	To detect phishing websites.
FR-4	Area of focus	The main area of focus is organizations where ecommerce plays a major role and in areas where confidentiality of data is required

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	A set of specifications that describe the system's operation capabilities and constraints and attempt to improve its functionality.
NFR-2	Security	Assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	Reliability	Our model is based on machine learning. The approach showed an accuracy of 98.3% which is so far the best integrated solution of web phishing detection.
NFR-4	Performance	Performance basically gives system parameters to reach our goal. Parameters for the proposed system are accurate predicted value which is compared to the existing system.
NFR-5	Availability	The system is accessible to a user at any given point in time.
NFR-6	Scalability	The design will be suitable and performs with full efficiency according to rising demands. The performance of model does not change with existing external situations.