

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

<b>Date</b>	28 October 2022
<b>Team ID</b>	Team ID: PNT2022TMID35298
<b>Project Name</b>	Web Phishing Detection
<b>Maximum Marks</b>	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 is done through form Registration is done through Gmail
FR-2	User Confirmation	Confirmation is made via Email
FR-3	Website identification	Proposed model detects the malicious website using blacklist and also gives alarming message
FR-4	Prediction	Proposed model predicts the URL using Machine Learning algorithms such as Regression, KNN
FR-5	Classifier	Proposed model predicts the output to the classifier and produces the final result.
FR-6	Results	Proposed model predicts the website and give 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	Descripton
NFR-1	<b>Usability</b>	User can access to several website without any feeling of fear ness using web phishing detection making sure that o data is being lost.
NFR-2	<b>Security</b>	User has the flexibility to check whether the websites are secure or not by getting pop-up messages
NFR-3	<b>Reliability</b>	User should feel reliable while using any Website
NFR-4	<b>Performance</b>	The performance must be faster and user friendly in order to have effective performance
NFR-5	<b>Availability</b>	The users should have the availability to access

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