

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

Date	03 October 2022
Team ID	PNT2022TMID46988
Project Name	Project – 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 by creating a new user name and password
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User login	Login using the credentials we have used during registration
FR-4	User permission	User must give permission access to the search engine so the intelligent system can detect phishing websites
FR-5	Using the intelligent system	User will use the intelligent system to detect phishing websites and save himself from his money being looted

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is very user friendly, any people with less knowledge also can easily understand that they are using the fake website through our alert message.
NFR-2	Security	It is very secured as one cannot hack our detection website so one can easily trust our detection website and they will be saved from financial and information loss.
NFR-3	Reliability	It has good consistency and performance as it actively detects the fake websites and protect the confidential information and financial loss of the user.
NFR-4	Performance	The performance of web phishing detection is high and it is very efficient as it is very easy to understand and has a high security and scalable
NFR-5	Availability	This detection website is available at any system like laptop , mobile phone , desktop and user friendly

NFR-6	Scalability	<p>The total execution time of our approach in phishing webpage detection is around 2-3 sec, which is quite less and acceptable environment.</p> <p>As input size increases the execution time increases and this makes the system difficult to handle increases the stress.</p>
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