

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

Date	03 October 2022
Team ID	PNT2022TMID53652
Project Name	Project - xxx
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 via form ,email or websites.
FR-2	User Confirmation	Confirmation of registration through verification email or OTP.
FR-3	User Access	Creating their own username and passwords for access.
FR-4	User Validation	Validating email and passwords.
FR-5	User Security	Two factor Authentication.
FR-6	User Input	User gives an URL as an input to detect for web phishing and it will be detected using machine learning algorithms and will be reported to the users.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	User Friendly. It is necessary the database backup should be provided in the case of retring data during virus attack.
NFR-2	<b>Security</b>	Appropriate User Authentication should be provided. Security questions should be setup while registering. Intimation email should be sent to the users at each time of accessing.
NFR-3	<b>Reliability</b>	The username and passwords should be highly reliable and secure. It should not be shared with anyone. Only those users and the admin of the web phishing detection system should access it.
NFR-4	<b>Performance</b>	The system should be fast and accurate.
NFR-5	<b>Availability</b>	The system should be available and compatible for all devices and OS.
NFR-6	<b>Scalability</b>	Admins should be able to make changes to the system whenever required and users can be able to use the system after making changes also.

