

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

Date	03 October 2022
Team ID	PNT2022TMID02188
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Change Password	Confirmation via Email Confirmation via OTP
FR-4	Grouping Data	Grouping data using hidden patterns
FR-5	Spam Report	The spam report system should be secure Not possible to send a report of an email that was never actually sent by a given domain.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The project should be open source. Admins can create changes to the system, but members or other users cannot make any changes. The quality of the website and database is maintained in such a way That it can be very user friendly to all users. The user should be able to download and install the system very easily.
NFR-2	Security	Appropriate user authentication should be provided Security questions will need to be set up when a user registers as a user. Security questions will need to be answered when a user forgets their Password. The system will have a number of unique users and each user has access constraints. The system will use a secured database. User details such as username and passwords will be protected with Md5 hash.

NFR-3	Reliability	New functionalities can be included in the task based on the client necessities just by adding the proper documents to existing ventures. Since writing computer programs is extremely straightforward, it is simpler to discover and address the imperfections and to roll out the improvements in the undertaking.
NFR-4	Performance	System will handle expected and unexpected errors in a manner that will prevent information loss and long downtime periods. System should have error testing to identify invalid username or password and email. System should be able to handle large amounts of data
NFR-5	Availability	Availability is a general term used to depict how much an item, gadget, administration, or Condition is open by however many individuals as would be prudent. In our venture individuals who have enrolled with the cloud can get to the cloud to store and recover their information with the assistance of a mystery key sent to their email ids. UI is straightforward and productive and simple to utilize.
NFR-6	Scalability	Framework is fit for taking care of increment all out throughput under an expanded burden When assets (commonly equipment) are included. Framework can work ordinarily under circumstances, for example, low data transfer Capacity and substantial number of clients.