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

Date	03 October 2022
Team ID	PNT2022TMID46888
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 Linked IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Change Password	Users have the option to change their password to something more familiar to them.
FR-4	Invite Users	Users must have the ability to invite other people to join the service via email invitation.
FR-5	Block User	Users must have the functionality to actively block any other member of the web application, disabling them from viewing to avoid the phishing.
FR-6	Edit trusted user friend list	Users must be allowed to modify their trusted users, giving them the power to decide who they can share photos with – sending or receiving.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description

NFR-1	**Usability**	It has to be taken into account that at any given time the database may crash due to a virus or operating system failure.
		Therefore, it is required to take the database backup to prevent losing it.
		Appropriate UPS facility should be installed in case of power supply failure.
NFR-2	**Security**	Appropriate user authentication should be provided. Security questions will need to be setup when a user registers as a user.
		Security questions will need to be answered when a user forgets their password.
		Separate account types for admin and members so that no member can access the database and only admin can update the database
NFR-3	**Reliability**	There are two main types of users of this system. The member, which is a registered user that has logged in to the system and the admin.
		The members are assumed to have basic knowledge of the computers and internet browsing.
		Admin can provide help to the users.
NFR-4	**Performance**	The system should be fast and accurate.
		System will handle expected and non-expected errors in a manner that will prevent information loss and long downtime period.
		System should be able to handle large amounts of data. System should accommodate high number of photos and users without any fault
NFR-5	**Availability**	This service will be available on laptops, tablets and mobile devices.
NFR-6	**Scalability**	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