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

Date	22 October 2022
Team ID	PNT2022TMID25901
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	Users must sign up using their email and Google accounts.
FR-2	User Confirmation	User has to Confirm their Email.
FR-3	User Input	The necessary field is filled up by the user with a suspect URL.
FR-4	URL Processing	The model will handle the new input by utilising the dataset and the proper machine learning methods.
FR-5	Classification	The URL will be marked as a legitimate or phishing URL.
FR-6	Result	The user will see the model's projected result, and if the URL turns out to be harmful, they will be warned about the website and given further instructions.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Users won't have any trouble using the solution and navigating the system with an effective, simple-to-use UI.
NFR-2	Security	Using Google authentication, which automatically offers email-based and multi-factor authentication.
NFR-3	Reliability	Probability of error-free operations in the designated usage environment.
NFR-4	Performance	For effectiveness and efficiency, the performance should be quicker and more user-friendly.
NFR-5	Availability	The model should always be usable, exportable to users, and executable on local computers.
NFR-6	Scalability	This might be turned into an API that other people could use and incorporate.