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

Team ID	PNT2022TMID38451
Project Name	Web Phishing detection
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	input	User inputs an URL (Uniform Resource Locator) in necessary field to check its validation.
FR-2	Website Evaluation	Model evaluates the website using Blacklist and Whitelist approach.
FR-3	Extraction	It retrieves features based on heuristics and visual similarities.
FR-4	Prediction	The URL is predicted by the model using Machine Learning methods such as Logistic Regression and KNN.
FR-5	classification	The model sends the outputs to the classifier and produces the result.
FR-6	result	The model displays the website is legal or phishing site.

Non-functional Requirements:

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 guarantees that the data will be safe from malware threats or unauthorised access.
NFR-3	**Reliability**	It specifies the likelihood that the system or its component will operate without failure for a specified amount of time under prescribed conditions.
NFR-4	**Performance**	It is concerned with a measurement of the system's reaction time under various load circumstances.
NFR-5	**Availability**	This detection website is available at any system like laptop , desktop and it is user friendly.