

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

Date	11 October 2022
Team ID	PNT2022TMID29648
Project Name	WEB PHISHING DETECTION
Maximum Marks	4 Marks

**Functional Requirements:**

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Register in the Model website using Mail ID or Mobile number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Input	User enters the URL for validation
FR-4	URL validation	Our Model cross check whether the input URL match with original URL or not.
FR-5	URL Processing	With help of trained dataset and using Machine learning algorithms, data is processed
FR -6	Detection	If Detection rate is high, then model will declare a URL as a phishing site and vice versa for a safe site
FR-7	Model output	Displays an alert message if it is a phished site else display as a safe site

**Non-functional Requirements:**

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Using login credentials of themselves, user can access the website
NFR-2	<b>Security</b>	User should carefully read the terms and conditions for their confidentiality
NFR-3	<b>Reliability</b>	Secures the user's data from the malicious attack, also they can confirm through ratings of our website
NFR-4	<b>Performance</b>	Accuracy will be more since the dataset is well tested and trained and user friendly
NFR-5	<b>Availability</b>	Website will always available for the end user for timely requirements
NFR-6	<b>Scalability</b>	Based on the users, website is periodically maintained. For the future necessity, the website will be upgraded and required features are added