

## Project Design Phase-II

### Solution Requirements (Functional & Non-Functional)

<b>Date</b>	02 November 2022
<b>Team ID</b>	PNT2022TMID27711
<b>Project Name</b>	Web Phishing Detection
<b>Maximum Mark</b>	4 Marks

#### Functional Requirements:

Following are the functional requirements of the proposed solution.

<b>FR NO.</b>	<b>Functional Requirement (EPIC)</b>	<b>Sub Requirement (Story /Sub-Task)</b>
<b>FR-1</b>	User Registration	Registration through email Registration through form
<b>FR-2</b>	User login	Login using the credential during registration.
<b>FR-3</b>	User Confirmation	Confirmation via Email, Confirmation via OTP
<b>FR-4</b>	Permissions	Location, Storage, Contacts, Dashboard.
<b>FR-5</b>	Website Identification	Model Detects the blacklisted website using blacklisted URL,

<b>FR-6</b>	Prediction	Model Predicts the URL using Machine Learning algorithms such as Regression, clustering algorithms.
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FR NO.	Functional Requirement (EPIC)	Sub Requirement (Story /Sub-Task)
FR-7	Classifier	Model predicts all the output to classifier and produces the final result.
FR-8	Results	The model needs the capability of retrieving and displaying accurate result of the website.

## Non-functional Requirements:

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

NFR NO.	Non-Functional Requirements	Description
NFR-1	Usability	This user friendly, any people without prior knowledge. Phishing websites through alert message system
NFR-2	Accuracy	It gives a most accurated results and predictthe web phishing detection.
NFR-3	Reliability	It detects and protect from stealing the personal or payment information
NFR-4	Performance	The performance should be faster and <del>defuse</del>
NFR-5	Availability	The user should get availability to access the resources by adding extension as browser.
NFR-6	Scalability	The system handles large number of users without losing any functionality.
NFR-7	Security	User can check whether the websites are secure or not by getting pop-up message.