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

Date 03 October 2022
Team ID PNT2022TMID16875
Project Name 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

FR-2 User Confirmation Confirmation via Email

FR-3 Website identification Model Detects the malicious website using blacklist And give alert message

FR-4 Prediction Model predicts the URL using Machine Learning algorithms such as Regression, KNN

FR-5 Classifier Model predicts all the output to classifier and produces the final result.

FR-6 Results Model predict the website and give pop- up to the user before they enter any confidential details

## Non-functional Requirements:

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

### FR No. Non-Functional Requirement Description

NFR-1 **Usability** User can access to several website easily using web Phishing detection without loosing any data

NFR-2 **Security** User can check whether the websites are secure or not by getting pop-up message

NFR-3 **Reliability** User should feel it reliable while using any website

NFR-4 **Performance** The performance should be faster and user friendly for the effective performance

NFR-5 **Availability** The users should get availability to access the resources must be valid and reliable

NFR-6 **Scalability** The performance of the website should be efficient to handle the increasing user and loads without any disturbance