PROJECT DESIGN PHASE II

FUNCTIONAL REQUIREMENTS

DATE	15/10/2022
TEAM ID	PNT2022TMID16684
PROJECT NAME	Project-Web Phishing Detection

FUNCTIONAL REQUIREMENTS:

FR NO.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Input	The user inputs an URL in the required field to check its validity.
FR-2	Website Comparison	The model compares the websites using Blacklist and Whitelist approach.
FR-3	Feature extraction	After comparing, if none is found on comparison then it extracts features using heuristic and visual similarity approaches.
FR-4	Prediction	The model predicts the URL using Machine Learning algorithms such as Logistic Regression, KNN
FR-5	Classifier	The model sends all output to the classifier and produces the final result.
FR-6	Announcement	The model then displays whether the website is a legal site or a phishing site.
FR-7	Events	This model needs the capability of retrieving and displaying accurate results for a website