

## **PROJECT DESIGN PHASE 2**

### **FUNCTIONAL REQUIREMENTS**

DATE:	05/10/2022
TEAM ID:	PNT2022TMID36177
TEAM MEMBERS:	04
PROJECT NAME:	WEB PHISHING DETECTION

### **FUNCTIONAL REQUIREMENTS:**

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