

PROJECT DESIGN PHASE 2

FUNCTIONAL REQUIREMENTS

DATE:	15/10/2022
TEAM MEMBERS:	04
PROJECT NAME:	WEB PHISHING DETECTION

FUNCTIONAL REQUIREMENTS:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Input	User give an URL as an user input to check for validation of the given URL.
FR-2	Website Comparison	Website is compared as a part of validation with the help of the DNS.
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 Random forest, Logistic Regression, KNN
FR-5	Classifier	Model sends all output to classifier and classification is done to produce the 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

