

PROJECT DESIGN PHASE II
FUNCTIONAL REQUIREMENTS

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| DATE: | 4/11/2022 |
| PROJECT NAME: | Project-Web Phishing Detection |
| MAXIMUM: | 4 Marks |

FUNCTIONAL REQUIREMENTS:

| FR NO. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
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| 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 |