**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID34845 |
| Project Name | Project – Web Phishing Detection |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | Adding the extension to the browser. | Adding the predicting web extension to your browser so that if the site you are accessing is identified as phishing site it pops the indication. |
| FR-2 | Permission to access the URL and make interruption. | If the current site through which you are making transaction or login is identified as fake website, it interrupt the process and show warning message. |
| FR-3 | Internet Connectivity | As we train and test data set in IBM cloud , internet connectivity is mandatory in-order to access the cloud and test the URL. |
| FR-4 |  |  |
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**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Can be used by any payment website or by any users. |
| NFR-2 | **Security** | High level of security as we use ML technology. |
| NFR-3 | **Reliability** | Once the extension is added, the application predicts automatically if the system has internet connectivity. |
| NFR-4 | **Performance** | Prediction rate is 94% higher, when compared to classical methods. |
| NFR-5 | **Availability** | Available once the cloud connectivity is established. |
| NFR-6 | **Scalability** | Can be made compatible with Android application. |