**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID15315 |
| 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 | User Registration | Registration through Gmail  Registration by creating a new user name and password |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User login | Login using the credentials we have used during registration |
| FR-4 | User permission | User must give permission access to the search engine so the intelligent system can detect phishing websites |
| FR-5 | Using the intelligent system | User will use the intelligent system to detect phishing websites and save himself from his money being looted |

**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** | It is very user friendly, any people with less knowledge also can easily understand that they are using the fake website through our alert message. |
| NFR-2 | **Security** | It is very secured as one cannot hack our detection website so one can easily trust our detection website and they will be saved from financial and information loss. |
| NFR-3 | **Reliability** | It has good consistency and performance as it actively detects the fake websites and protect the confidential information and financial loss of the user. |
| NFR-4 | **Performance** | The performance of web phishing detection is high and it is very efficient as it is very easy to understand and has a high security nd scalable |
| NFR-5 | **Availability** | This detection website is available at any system like laptop , mobile phone , desktop and user friendly |
| NFR-6 | **Scalability** | The total execution time of our approach in phishing webpage detection is around 2-3 sec, which is quite less and acceptable environment.  As input size increases the execution time increases and this makes the system difficult to handle increases the stress. |