# Project Design Phase-II
## Solution Requirements (Functional & Non-functional)

| Date | 15 October 2022 |
|---|---|
| Team ID | PNT2022TMID41234 |
| Project Name | Project - Web Phishing Detection |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic | Sub Requirement (Story / Sub-Task) |
|---|---|---|
| FR-1 | User Registration | Registration by entering details such as name, email, password or Gmail or LinkedIn. |
| FR-2 | User Confirmation | Confirmation via Email or OTP. |
| FR-3 | Registered User - Login | Login through Username and Password or Gmail or LinkedIn. |
| FR-4 | Verify the link provided by the User URL | Get the URL from user and display if the website is malicious or not |
| FR-5 | Display the result | If the site link is a phishing site, report, read the precautions displayed<br>If the site link is legit, continue |
| FR-6 | Share Queries | If any doubts, send query or Read FAQs |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | User should ensure that the functionality can meet design, usability requirements and user friendly. |
| NFR-2 | **Security** | Check the website is secure or not. It not notifies to user by displaying an alert box while using the websites. |
| NFR-3 | **Reliability** | It focuses on preventing failures during the lifetime of the product or system and must be a reliable source |
| NFR-4 | **Performance** | The performance need be good or in time of critical scenarios, even the smallest delay in processing data can be unacceptable. |
| NFR-5 | **Availability** | The website availability must be valid for the users to access the resources |
| NFR-6 | **Scalability** | Website must be able to handle an increase in users and loads without disrupting the other users and backend. |