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

| Team ID | PNT2022TMID51052 |
|---|---|
| Project Name | PROJECT-AI POWERED FOOD DEMAND FORECASTNG |
| 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 through Form<br>Registration through Gmail<br>Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via OTP |
| FR-3 | Website Entry | Collecting User data and storing it in Database |
| FR-4 | Permissions | Location, storage, Contacts |
|  |  |  |
|  |  |  |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | Usability | This parameter specifies how difficult it will be for a user to learn and run the system. Usability may be accessed from a variety of points. |
| NFR-2 | Security | Security requirements ensure that software is protected from unwanted system access and that it is saved in data. Reliability describes how likely it is that the software will operate without failure for a particular amount of time. |
| NFR-3 | Reliability | Reliability suffers as a result of errors in the code, hardware failures, and issues with other system components. |
| NFR-4 | Performance | It is a quality attribute that describes the system's responsiveness to various user interactions with it. |

| NFR-5 | **Availability** | All operations can benefit from services. The data is easily accessible here. We can receive info anytime we need it. |
|---|---|---|
| NFR-6 | **Scalability** | Scalability outlines how the system must grow without compromising its performance. This entails more users, more data processing, and more transactions. In this strategy, customers profit from evaluating their industry data, which gives predictions on day-to-day analysis of food sold and reduces food waste by projecting sales movements. |