

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID24620 |
| Project Name | Project - DemandEst - AI powered Food Demand Forecaster |
| Maximum Marks | 4 Marks |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Non-Functional Requirement | Description |
|--------|-------------------------------|--|
| NFR-1 | Usability | For people who work in the food industry to calculate how much food is needed for a particular time period, they must use a web application. |
| NFR-2 | Security | User's emails and passwords are kept in an encrypted form. The user can only access his database if the password matches the encrypted |
| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
| FR-1 | User Registration | Registration through Form Registration through Gmail Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Home page | The User is directed to the home page |
| FR-4 | Sample use | To gain a feel of how to use it, the user would use the web application to calculate example ideas. |

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| FR-5 | Adding sub-users and creating network | The user could create a network by including his coworkers on his application page. |
| FR-6 | Feedback and support | After deployment, continuous customer support using the feedback |

Non-functional Requirements:

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

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|-------|---------------------|--|
| | | form. |
| NFR-3 | Reliability | Since access to the stored data requires a valid password and verification, the web application's data cannot be hacked. |
| NFR-4 | Performance | The web application is created in a way that ensures that performance is constant regardless of how many users are accessing it at once. |
| NFR-5 | Availability | The web application is available in all platforms |
| NFR-6 | Scalability | It works in a fixed scalability |