# Project Design Phase-II

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

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| Date | 15 October 2022 |
| Team ID | PNT2022TMID50454 |
| Project Name | Nutrition Assistant Application |
| 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 Form Registration through Gmail And set a unique Password. |
| FR-2 | User Login | User can login to the Application page whom already registered the registration. |
| FR-3 | User Request | The user sends the request to the server to know about the food nutrition value and calories |
| FR-4 | Server Response | The server sends the response to the user sent requested, that to display the nutrition value of the user sent image. |
| FR-5 | User activity | The user will check the BMI value through the BMI calculator and then get the proper diet plan. |
| FR-6 | User -> Server Server -> User  (User interaction with the application) | First the user will send the request, (they took a picture and upload it to the page) then the server responds the user sent request (the server notify the picture and upload the nutrition value of the given picture). |

# 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** | The client will utilize the application through the web. There is an eating diet plan  for individual BMI esteemed individual. In this way, that was viable to the client. |
| NFR-2 | **Security** | We maintain the normal secured protocol for the security frameworks. To prevent the  user information’s. |
| NFR-3 | **Reliability** | Its so dependable to the clients on the grounds that the data we are giving on the web application is completely taken the nutrition expert and some top references of the nutrition value pages. |
| NFR-4 | **Performance** | The performance of the application relies upon the network and internet level of high. What's more, it's performed when the server frameworks on. |
| NFR-5 | **Availability** | Its accessible to each individual who has smart phones, PCs and tablets with the great web access. Its nor has any premium plans  so its available for every user. |
| NFR-6 | **Scalability** | Its about the server framework side and we are offering a support for a short scale of users. This application will run how long  the server frameworks were going through. |