Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID09772 |
| Project Name | Nutritional 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. |
| FR-2 | User Confirmation | Confirmation via Retyping the password. |
| FR-3 | Uploading Image | The system should able to get the image from the user. |
| FR-4 | Identification of image | The system should able to identify the image of the  food given using AI Driven model. |
| FR-5 | Obtain the ingredients | The system must able to obtain the ingredients of the  given food image. |
| FR-6 | Display the nutritional value | The system must able to display the nutritional value of  the food with the help of nutritional API. |

# 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** | Only registered user is allowed to use the  application. |
| NFR-2 | **Security** | Authentication of user is done for security purpose. |
| NFR-3 | **Reliability** | The user gets the standard nutritional value of the  given food. |
| NFR-4 | **Performance** | User satisfaction is ensured by getting their  feedback. |
| NFR-5 | **Availability** | This application can be used by the user when they  are in online. |
| NFR-6 | **Scalability** | This application can be used in all operating system  and it can handle quite large number of users too. |