Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

Date	15 October 2022
Team ID	PNT2022TMID00034
Project Name	Nutrition Assistant Application using Cloud Computing
Maximum Marks	4 Marks

Functional Requirements

Following are the functional requirements of the proposed solution

FR No	**Functional Requirements**	**Sub Requirement(Story/Sub-Task)**
FR-1	User Registration	Registration through email
FR-2	User Confirmation	Confirmation via email
FR-3	Data Collection	Collection of all required input data
FR-4	Data Analysis	Process the given inputs using CNN and Nutrition API
FR-5	Data processing	Evaluate the data and store it in database and integrate in cloud containers
FR-6	Provide output to user	Display the result to the user

Non-Functional Requirements

Following are the non-functional requirements of the proposed solution

FR No	Non-Functional Requirements	Description
NFR-1	Usability	User-friendly and overall satisfaction of the user while using the website
NFR-2	Security	The website provides proper authentication and verification
NFR-3	Reliability	The site always provides reliable outputs and lacks failures
NFR-4	Performance	Provides 100% efficiency of the output
NFR-5	Availability	The product is readily available for all kinds of users when needed
NFR-6	Scalability	Effective in obtaining good accuracies