Project Design phase-II

Solution Requirements (functional &Nonfuntional)

Date	19 october 2022
Team ID	PNT2022TMID39956
Project Name	Nutrition assistant Application
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.
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.

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.