

## Project Design Phase-II

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

<b>Date</b>	16 October 2022
<b>Team ID</b>	PNT2022TMID39906
<b>Project Name</b>	AI-powered nutrition analyzer for fitness enthusiasts
<b>Marks</b>	4 marks

### Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none"><li>• Registration through Form</li><li>• Registration through Gmail</li></ul>
FR-2	User Confirmation	<ul style="list-style-type: none"><li>• Confirmation via Email</li><li>• Confirmation via OTP</li></ul>
FR-3	User Login	<ul style="list-style-type: none"><li>• Login through Email</li><li>• Login through Google</li></ul>
FR-4	Uploading image	<ul style="list-style-type: none"><li>• Upload image from gallery</li><li>• Upload image from Internet</li></ul>
FR-5	Storing the result	<ul style="list-style-type: none"><li>• Store the result in Downloads</li><li>• Store the result in a folder</li></ul>

## Non-functional Requirements:

NFR No	Non-Functional Requirement	Description
NFR-1	Usability	Easy to use by all user.
NFR-2	Security	User information will not be shared to anyone.
NFR-3	Reliability	The result of nutritional value will be displayed for all the fruits.
NFR-4	Performance	Accuracy of nutritional value will be high.
NFR-5	Availability	The nutritional value of the fruit will be available all the time.
NFR-6	Scalability	Supports various fruit items.