Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	13 October 2022
Team Batch ID	B3-3M5E
Project Name	Project – 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 ➢ Registration through Gmail ➢ Registration through Facebook
FR-2	User Confirmation	➢ Confirmation via Email ➢ Confirmation via OTP
FR-3	User Login	➢ Login with Username ➢ Login with Password
FR-4	User Profile Update	➢ Update User's Name ➢ Update Portrait Photograph ➢ Update Date of Birth
FR-5	Uploading Food image	➢ Upload from Gallery ➢ Capture using Camera
FR-6	Enter Food name	➢ Type the name of the food
FR-7	Result	➢ Download Result ➢ Share Result through Social media
FR-8	Ratings and Reviews	➢ Share the experiences ➢ Provide Feedback

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	➢ Accessible through INTERNET
NFR-2	**Security**	➢ Secure through unique Username and Password
NFR-3	**Reliability**	➢ Accurate result ➢ User friendly
NFR-4	**Performance**	➢ Using Standard algorithm to get faster and accurate results ➢ Clarifai's AI-Driven Food Detection Model is used.
NFR-5	**Availability**	➢ Available for 24/7 ➢ Deep Learning of the food image and predict the results with using the given dataset.
NFR-6	**Scalability**	➢ It can be accessed by a greater number of users at the same time without any compromise in the performance.