

Project Design Phase-I
Proposed Solution Template

Date	12 October 2022
Team ID	PNT2022TMID16563
Project Name	Nutrition Assistant Application
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none">• Now-a-days people are not maintaining healthy food habits which leads to various kinds of disease such as obesity, heart disease, type 2 diabetes etc.• People need to have control over their daily calories intake to have a healthy life.
2.	Idea / Solution description	<ul style="list-style-type: none">• This project aims to build a web application that allows the user to upload an image of a food to get the ingredients and various nutrition available in the food.• This helps the user to gain the nutrition required for daily life
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• It has an Artificial intelligence based image recognition system.• It uses cloud storage space for storing every bit of information.• Uses nutrition API• Clustering people based on their BMI value
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• Studies have shown that using health-related apps can successfully lead to health behaviour change related to

		<p>weight loss or weight management.</p> <ul style="list-style-type: none"> • This application gives awareness about various health-related problems
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Diet Chart • This application benefits people based on health and economical wise • This application helps to maintain health based on the guidance of IBM Watson
6.	Scalability of the Solution	<ul style="list-style-type: none"> • However food packaging comes with nutrition label it's still not very convenient for people to refer. An nutrition application helps the user to see the nutrition available quickly and provide an effective dashboard to track their daily calorie intake • It uses IBM DB2 , Watson, SendGrid to create effective web application