

**Project Design Phase-I**  
**Proposed Solution Template**

Date	24 September 2022
Team ID	PNT2022TMID30252
Project Name	Project - AI based Nutrition Analyzer for fitness Enthusiasts.
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> <li>✓ Identifying the food through the Image processing .</li> <li>✓ Listing out the Nutrition present in it .</li> </ul>
2.	Idea / Solution description	<ul style="list-style-type: none"> <li>✓ Idea used here is by using the Convolution Neural Network .</li> <li>✓ It is used to pick the raw pixels present in the image .</li> <li>✓ Fruit Recognition using Colour and Texture Features .</li> </ul>
3.	Novelty / Uniqueness	There are three steps present in it. <ol style="list-style-type: none"> <li>1. Pooling.</li> <li>2. Flattening</li> <li>3. Getting output.</li> </ol>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>✓ It should be low of cost.</li> <li>✓ Socially It should help others to help with their Fitness.</li> </ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>✧ Creating using the Web Development .</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>✓ It should work good.</li> <li>✓ There should be no trouble in using apps.</li> <li>✓ It is easy to work with the app.</li> <li>✓ It should be accurate</li> </ul>