

**Project Design Phase-I**

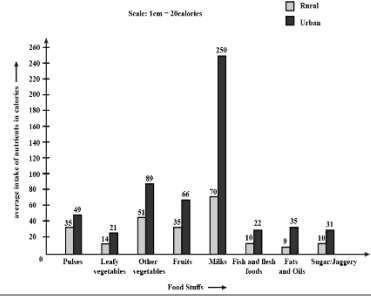
**Proposed Solution Template**

Date	19 September 2022
Team ID	<b>PNT2022TMID42340</b>
Project Name	Nutrition Assistant Application (Cloud computing)
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>✓ Now a days peoples are not eating healthy foods with respect to their health condition. If it happens continuously means, it will lead to obesity and any other health problems.</li> <li>✓ However, some food packaging has an added nutrition and calorie values, but it's not very comfortable to refer.</li> </ul>
2.	idea / Solution description	<ul style="list-style-type: none"> <li>✓ To store the food and details of the nutrients present in it.</li> <li>✓ People can easily track the Nutrition and calories by scanning or typing the food and examine it's nutritional content which will improve the dietary habits.</li> <li>✓ This app will provide proper nutrition helps in maintaining a healthy lifestyle and also recommended diet plans for users.</li> </ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>✓ Clustering the peoples based on their <b>BMI</b> value.</li> <li>✓ A web app can easily analyze its nutritional content of food and that can automatically estimate attributes such as ingredients and nutrition value by classifying the inputs</li> </ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>✓ The Obesity rate will get reduced and people can be able to lead a healthy life. It helps achieve and maintain a healthy life</li> </ul>

5.	Business Model (Revenue Model)	<p>✓ Social media is the best way to develop this application. This application will increase the confidence among the people</p>																											
6.	Scalability of the Solution	<p>✓ People can access from anywhere at anytime to track the calories and nutrition value that will improve a healthy eating pattern.</p> <p>✓ Maintain a healthy weight and healthy lifestyle</p>  <table border="1"> <caption>Average Intake of Nutrients in Calories</caption> <thead> <tr> <th>Food Stuff</th> <th>Rural</th> <th>Urban</th> </tr> </thead> <tbody> <tr> <td>Pulses</td> <td>32</td> <td>49</td> </tr> <tr> <td>Leafy vegetables</td> <td>14</td> <td>21</td> </tr> <tr> <td>Other vegetables</td> <td>51</td> <td>99</td> </tr> <tr> <td>Fruits</td> <td>35</td> <td>66</td> </tr> <tr> <td>Milk</td> <td>70</td> <td>250</td> </tr> <tr> <td>Fish and Shell foods</td> <td>19</td> <td>22</td> </tr> <tr> <td>Fats and Oils</td> <td>9</td> <td>35</td> </tr> <tr> <td>Sugar/Sugary</td> <td>12</td> <td>31</td> </tr> </tbody> </table>	Food Stuff	Rural	Urban	Pulses	32	49	Leafy vegetables	14	21	Other vegetables	51	99	Fruits	35	66	Milk	70	250	Fish and Shell foods	19	22	Fats and Oils	9	35	Sugar/Sugary	12	31
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