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

| Date | 27 October 2022 |
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| Team ID | PNT2022TMID12370 |
| Project Name | AI-Powered Nutrition Analyzer for Fitness Enthusiasts |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement | A person should be able to identify fruits and vegetables based on color, texture, appearance etc.. using AI-powered Nutrition Analyzer for Fitness Enthusiasts. It should also display the nutritional information of the identified fruit or vegetable. |
| 2. | Idea / Solution description | **Main Solution**: <br> ● To identify the fruit or vegetable correctly. <br> ● To provide nutritional information on the obtained data. <br> **Additional benefits**: <br> Analyzing the foods so that it makes a balanced diet. |
| 3. | Novelty / Uniqueness | ● User's health condition is analyzed and based on it a suitable food chart is made. <br> ● Provides home remedy for basic problems. |
| 4. | Social Impact / Customer Satisfaction | ● Balanced diet is maintained. <br> ● Highly useful for patients with high blood pressure or any serious illness. <br> ● Motivates user to eat healthy food. <br> ● Having a nutritious meal improves immunity hence user will become healthy. |
| 5. | Business Model (Revenue Model) | ● Consultation with nearest trainers and nutritionist for personalized plans. |
| 6. | Scalability of the Solution | ● Accuracy is achieved by using a large dataset as input. <br> ● User friendly. <br> ● Availability. <br> ● Portable. |