Project Design Phase-I Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID22506 |
| Project Name | Project - AI-powered Nutrition Analyzer for Fitness Enthusiasts |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be  solved) | * To understand the proper diet through dietary assessment. * Analyze and Explore nutrition. * Understanding their daily eating habits   and maintain healthy diet . |
| 2. | Idea / Solution description | * Determining the nutritional content in   the food.   * Classifying the fruits depending on their different characteristics . * Information about quality control and contamination of food. |
| 3. | Novelty / Uniqueness | * Capture images of different fruits. * Image will be sent to the trained model. * Analyze the image and detect the nutrition. |
| 4. | Social Impact / Customer Satisfaction | * The main aim is to build a model which is used for classifying the fruits depending on the different characteristics like colour, shape, texture etc. |
| 5. | Business Model (Revenue Model) | * Users who have access to this interface can get dietary plans to maintain a healthy life. |
| 6. | Scalability of the Solution | * Can identify the nutrition content of various fruits from their images. |