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

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID15781 |
| Project Name | Project - AI-powered Nutrition  Analyzer for Fitness Enthusiasts |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

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

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | A regular person must use cutting-edge AI-based analyzing software to identify fruits and vegetables based on color, texture, form, and other characteristics. At the time of identification, the user must also be aware of the nutritional  content of that specific edible. |
| 2. | Idea / Solution description | Main Solution:   * Clear and proper identification   of the given input data.   * Provide nutritional facts based   on the obtained data.   * Fitness analysis and maintenance as per the user's body conditions Additional benefits: * Analysis of daily dietary   requirements |

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|  |  | * Daily tracking of dietary   consumption thoroughly. |
| 3. | Novelty / Uniqueness | * The availability of fitness plans   with addon bonuses   * Suggestion of home remedies and simple solutions for basic problems. * An individualized food plan based on health condition and deficiency. * Allowing for diet flexibility   helps promote a healthy and effective eating pattern |
| 4. | Social Impact / Customer Satisfaction | * Healthy lifestyle development * Constant calorie management   monitoring results in a fitness mindset. |
| 5. | Business Model (Revenue Model) | * Consultation with nearest trainers and nutritionist for personalized plans. * Adopt a specialized diet plan   under the direction of an expert.   * Advertise and offer nutritional supplements and fitness gear. * Promotion for fitness centers   and hospitals. |
| 6. | Scalability of the Solution | * Improving accuracy by expanding the data collection using user input data * Storage requirements of a   specific food.   * User friendly UI for everyone   to use and get benefit from it |