**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 16 October 2022 |
| Team ID | PNT2022TMID38280 |
| 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** |
|  | Problem Statement (Problem to be solved) | * The absence of balanced food and nutrition security leads to health problems such as diabetes, obesity, and malnutrition. * So we have to take adequate amounts of energy, proteins, vitamins, minerals, essential fats, micro and macronutrients. * This will done by using nutrition analyser app. * This app helps us to find the nutrition, vitamin and mineral content in the food. |
|  | Idea / Solution description | * Image classification is done by using Support Vector Machine (SVM) and Convolutional Neural Network (CNN). |
|  | Novelty / Uniqueness | * Convolutional Neural Network (CNN) and Support Vector Machine (SVM) is used in this system. |
|  | Social Impact / Customer Satisfaction | * Friendly UI design and Easy to operate. |
|  | Business Model (Revenue Model) | * It will increases the life span of the Users. It will provides the healthy life. |
|  | Scalability of the Solution | * The scalability of the solution is how the image of the food is classified accurately. |