**Project Design Phase-I Proposed Solution**

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| Date | 29 September 2022 |
| Team ID | PNT2022TMID10397 |
| Project Name | AI-powered Nutrition Analyzer for  Fitness Enthusiasts |

**Proposed Solution :**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | A nutrition analyser with AI powered fruit classifier based on the features to provide nutritional values like fiber, vitamins, minerals etc to Fitness  Enthusiasts. |
| 2. | Idea / Solution description | Creating web interface application to monitor and track their health condition and helping the people to improve their health condition. |
| 3. | Novelty / Uniqueness | CNN based fruit classifier that supports nutrition analyser that provides nutrition values of the fruit. |
| 4. | Social Impact / Customer  Satisfaction | By improving the health people can concentrate on their daily duties and works. |
| 5. | Business Model (Revenue  Model) | Offering monthly or yearly subscription for premium features. |

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| 6. | Scalability of the Solution | For now the nutrition analyser is limited to mostly fruits only, which can be scaled to other foods. Implementing in mobile app. |