

Project Design Phase-I
Proposed Solution Template

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| Date | 14 October 2022 |
| Team ID | PNT2022TMID00650 |
| 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.

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Having a fit and healthy body is everyone's dream, but it has somehow not been everyone's cup of tea. The food patterns and diet are important factors to improve the lifestyle by preventing diseases. Nowadays new dietary assessment and nutrition analysis tools enable more opportunities to help people understand their daily eating habits, exploring nutrition patterns and maintain a healthy diet. Nutritional analysis is the process of determining the nutritional content of food. |
| 2. | Idea / Solution description | <ul style="list-style-type: none">● To provide them with daily nutrition requirements based on given input.● To provide balanced diet based on their health and body conditions.● Fitness analysis and maintenance enhances better interaction with hunger. |
| 3. | Novelty / Uniqueness | <ul style="list-style-type: none">● Suggests fitness programs● Suggestion of recipes and diet based on the region and the seasons.● 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 | <ul style="list-style-type: none">● Healthy lifestyle development● Helps in average daily nutrient intake.● Constant calorie management monitoring results in a fitness mindset. |
| 5. | Business Model (Revenue Model) | <ul style="list-style-type: none">● Partnership with trainers and nutritionists |

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| | | <ul style="list-style-type: none"> ● Subscriber based service to users. ● Advertise and offer nutritional supplements and fitness gear. ● Promotion for fitness centers and hospitals. |
| 6. | Scalability of the Solution | <ul style="list-style-type: none"> ● Getting Feedback from the user and improving accuracy . ● User friendly UI for everyone to use and get benefit from it. ● Every customer will get healthy and proper diet suggestions |