

Project Design Phase-I

Proposed Solution Template

TEAM ID: PNT2022TMID28902

PROJECT NAME: AI - Powered Nutrition Analyser For Fitness Enthusiasts.

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Proposed Solution Template:

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

| S. No. | Parameter | Description |
|--------|--|--|
| 1. | Problem Statement (Problem to be solved) | <ul style="list-style-type: none">• 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. |
| 2. | Idea / Solution description | <ul style="list-style-type: none">• Image classification is done by using Support Vector Machine (SVM) and Convolutional Neural Network (CNN). |
| 3. | Novelty / Uniqueness | <ul style="list-style-type: none">• Convolutional Neural Network (CNN) and Support Vector Machine (SVM) is used in this system. |
| 4. | Social Impact / Customer Satisfaction | <ul style="list-style-type: none">• Friendly UI design and Easy to operate. |
| 5. | Business Model (Revenue Model) | <ul style="list-style-type: none">• It will increases the life span of the Users. It will provides the healthy life. |
| 6. | Scalability of the Solution | <ul style="list-style-type: none">• The scalability of the solution is how the image of the food is classified accurately. |