**Project Design Phase**

**Proposed Solution Template**

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| Date | 15 February 2025 |
| Team ID | LTVIP2025TMID59149 |
| Project Name | A Collage Food Choices Case Study |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Many individuals struggle to make informed food choices due to lack of nutritional knowledge, dietary restrictions, or sustainability concerns. This leads to unhealthy eating habits and environmental impact. |
|  | Idea / Solution description | Develop a mobile/web application that provides personalized food recommendations based on user preferences, dietary needs (e.g., vegetarian, diabetic-friendly), allergies, and sustainability goals. The app could scan food labels, suggest alternatives, and track nutritional intake. |
|  | Novelty / Uniqueness | Combines AI-driven personalization, barcode scanning, and sustainability scoring in one platform. Offers culturally diverse meal suggestions, local produce alternatives, and real-time feedback. |
|  | Social Impact / Customer Satisfaction | Encourages healthier eating habits, reduces lifestyle diseases, and promotes awareness of food sustainability. Enhances user engagement through gamification and progress tracking. |
|  | Business Model (Revenue Model) | Encourages healthier eating habits, reduces lifestyle diseases, and promotes awareness of food sustainability. Enhances user engagement through gamification and progress tracking. |
|  | Scalability of the Solution | Can be scaled across different regions by incorporating local languages, food databases, and preferences. Potential for partnerships with fitness apps, healthcare providers, or supermarkets. |