

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	LTVIP2025TMID52061
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Lack of real-time, integrated insights into college students' dietary habits and health outcomes, making it difficult to promote informed nutrition and wellness decisions across campuses.
2.	Idea / Solution description	A Tableau-based interactive dashboard that visualizes diverse lifestyle and nutrition data (e.g., calories, comfort food patterns, cooking frequency, GPA, exercise, vitamin intake), enabling stakeholders to monitor student health trends, personalize interventions, and improve dietary strategies.
3.	Novelty / Uniqueness	Combines academic performance, emotional factors, lifestyle behavior, and nutrition in a single visualization platform, with predictive analytics, scenario modeling, and user personas derived from real survey data.
4.	Social Impact / Customer Satisfaction	Improves student health awareness and empowers campus wellness teams to act early. Fosters behavioral change and well-being through accessible, relatable visual stories and real-time insights.
5.	Business Model (Revenue Model)	Can be offered as a subscription model to universities for ongoing analytics and well-being tracking. Additional tiers could include personalized dashboards for individual students or nutritionist integration.
6.	Scalability of the Solution	The model can scale to different campuses and be customized for various educational settings. Additional datasets (e.g., wearable data or cafeteria logs) can be integrated to enhance precision and reach.