

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	LTVIP2025TMID49371
Project Name	Comprehensive Analysis & Dietary Strategies
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)	Many college students have poor eating habits, low awareness of nutrition, and limited tools to monitor their dietary behavior. There is a lack of real-time systems to visualize and analyze dietary trends and health impacts.
2.	Idea / Solution description	The project uses Tableau to build an interactive dashboard that analyzes students' dietary intake, exercise habits, and nutritional gaps. It provides real-time visualizations and insights to help universities monitor trends and promote healthier habits.
3.	Novelty / Uniqueness	The integration of real dietary behavior data with Tableau's predictive analytics provides an innovative way to create data-driven, personalized nutrition plans for students.
4.	Social Impact / Customer Satisfaction	The project enhances student health and academic performance through improved dietary decisions. It helps administrators intervene early in case of health risks, increasing student well-being and satisfaction.
5.	Business Model (Revenue Model)	The dashboard can be licensed to colleges/universities as a SaaS platform. Additional revenue can come from partnerships with health/nutrition companies and optional student subscriptions for personalized plans.
6.	Scalability of the Solution	The solution can be expanded to include multiple institutions, and new modules like mental health tracking or sleep analysis can be integrated, making it scalable across campuses and education systems.