

Project Design Phase-I
Proposed Solution Template

Date	15 February 2026
Team ID	LTVIP2026TMIDS52086
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 proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Many college students face "nutritional blindness," where they lack a clear understanding of their eating patterns, leading to poor health outcomes and low academic energy
2.	Idea / Solution description	An interactive Tableau dashboard suite that transforms daily food transaction data into visual insights. Key features include a Waterfall chart for cumulative spending/calories and a Funnel chart for food group prioritization
3.	Novelty / Uniqueness	This project applies high-level corporate data visualization techniques (like Highlight Tables and Word Clouds) to personal dietetics, making health data more engaging than traditional spreadsheets.
4.	Social Impact / Customer Satisfaction	Empowering students with data-driven dietary control improves community health literacy and increases student satisfaction with campus dining options.
5.	Business Model (Revenue Model)	A software-as-a-service (SaaS) model where universities pay a subscription fee to integrate this dashboard into their campus student portals.
6.	Scalability of the Solution	The logic can be scaled to any university globally by simply connecting new canteen data sources to the established Tableau workbook structure.