

Project Design Phase
Proposed Solution Template

Date	25 June 2025
Team ID	LTVIP2025TMID49554
Project Name	Comprehensive Analysis & Dietary Strategies
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	College students struggle to maintain a healthy diet due to busy schedules and limited budgets leading to poor eating habits and health issues. There is a need for a simple, visual, and data-driven method to help students understand and improve their food choices.
2.	Idea / Solution description	The solution is an interactive Tableau dashboard that visualizes college students dietary data through charts like donut, funnel, and word cloud. It highlights meal patterns and calorie intake enabling students to filter insights and make informed dietary choices.
3.	Novelty / Uniqueness	This solution uniquely focuses on college students, using data visualization through Tableau to deliver real-time, interactive insights. It combines group trends with personalized analysis and offers evidence-based dietary strategies.
4.	Social Impact / Customer Satisfaction	-Helps students become more aware of their diet, improving health and academic performance. -Assists colleges in enhancing menu planning and food services. - Promotes a healthier campus environment and reduces nutrition-related issues.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Colleges/Institutes pay for a license to use the dashboard across their student population. • Add-on services: Personalized reports, dietician consultations, or mobile app integration can be monetized separately. • Collaborations with health tech or wellness companies for sponsored features or insights.
6.	Scalability of the Solution	-Easily scalable to multiple colleges with minimal adjustments. - Can be integrated with mobile apps or extended to fitness platforms. - Has potential for AI-based recommendations.

