

**Project Design Phase**  
**Proposed Solution Template**

Date	15 <sup>th</sup> June2025
Team ID	LTVIP2025TMID48638
Project Name	Comprehensive Analysis and Dietary strategies with tableau: A college food case study.
Maximum Marks	2 Marks

**Proposed Solution Template for the topic: Comprehensive Analysis and Dietary strategies with tableau: A college food case study.**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	College students often face issues related to unhealthy dietary habits due to poor food choices, limited nutritional awareness, and stress-related eating. There is a lack of a unified system to analyze and improve their dietary behaviour using real-time data.
2.	Idea / Solution description	<b>The project proposes a Tableau-based interactive dashboard system that aggregates student dietary data, including GPA, meal types, calorie intake, comfort food reasons, and more. The visualizations will reveal hidden trends, support informed food decisions, and help university authorities craft effective dietary strategies</b>
3.	Novelty / Uniqueness	This solution uniquely combines academic performance, emotional food platform. It leverages Tableau's capabilities to present personalized insights
4.	Social Impact / Customer Satisfaction	<b>By improving awareness of food choices and their consequences, this project can enhance student well-being, reduce obesity and mental health issues, and drive campus-wide initiatives for healthier eating. Students, researchers, and institutions benefit from actionable insights</b>
5.	Business Model (Revenue Model)	The model can be monetized by licensing the dashboard system to universities, wellness centers, and nutrition consultancies. Additional revenue can be generated via workshops, analytics subscriptions, and collaborative research grants
6.	Scalability of the Solution	<b>The solution can scale to multiple campuses and integrate with other datasets like mental health scores, sports activity logs, and wearable device data. The Tableau system can be expanded with real-time mobile input and multi-language support</b>