# Proposed Solution

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| Date | 01 July 2025 |
| Team ID | **LTVIP2025TMID48379** |
| Project Name | **Student Health and Lifestyle Analysis** |

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| S.No | Parameter | Description |
| 1. | Problem Statement (Problem to be solved) | There is a growing concern regarding students' lifestyle choices, such as unhealthy dietary habits, lack of physical activity, and irregular nutritional intake. These patterns contribute to negative health outcomes and affect academic performance and mental well-being. |
| 2. | Idea / Solution description | Using Tableau dashboards, we visualize and analyze student lifestyle data to uncover correlations between nutrition, exercise, and academic performance. This solution enables targeted interventions by administrators, health professionals, or educators to promote healthier habits through personalized recommendations. |
| 3. | Novelty / Uniqueness | The integration of diverse lifestyle metrics—ranging from comfort food preferences to parental cooking habits—into interactive visual analytics allows for nuanced insights. Few platforms offer such granular, behavioral-based health profiling for student populations. |
| 4. | Social Impact / Customer Satisfaction | This solution can improve the overall health of students, promote awareness, and drive behavioral change. Stakeholders (e.g., universities, health departments) gain the ability to make data-informed decisions that enhance student satisfaction and well-being. |
| 5. | Business Model (Revenue Model) | The tool can be offered as a subscription-based analytics service for educational institutions and health startups focusing on youth wellness. Further monetization could involve licensing to NGOs or research organizations. |
| 6. | Scalability of the Solution | The data model and dashboards can be scaled across universities and even to workplace wellness programs. The underlying architecture supports expansion with minimal rework across domains. |