Ideation Phase
Brainstorm & Idea Prioritization Template

Date	16 February 2026
Team ID	LTVIP2026TMIDS52086
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Step 1: Team Gathering, Collaboration and Select the Problem Statement

Define the Problem Statement

College students struggle to maintain healthy dietary habits due to limited budgets, busy academic schedules, irregular meal timings, and easy access to junk food. These unhealthy habits negatively affect their physical health and academic performance. Therefore, there is a need to analyze student dietary patterns and identify strategies to promote healthier food choices using data-driven approaches**.**

Step 2: Brainstorm Possible Solutions

During the brainstorming session, the team generated several possible solutions:

- Develop interactive Tableau dashboards to analyze student food habits.
- Study the relationship between breakfast consumption and GPA.
- Analyze the impact of exercise frequency on dietary behavior.
- Identify major reasons for comfort food consumption.
- Provide data-driven recommendations for healthier eating strategies.
- Create a structured story dashboard for better presentation of insights.
- Propose awareness initiatives for improving nutrition habits.
- Explore the possibility of future AI-based food recommendation systems.

Step 3: Idea Evaluation and Prioritization

- After discussing all ideas, the team evaluated each solution based on its impact and feasibility.
- The development of interactive Tableau dashboards and analysis of dietary patterns were considered highly feasible and impactful because the required dataset (126 records) was already available.
- The idea of correlating GPA with food habits and exercise was also prioritized, as it provides meaningful academic and health insights.
- Advanced ideas such as AI-based recommendation systems and real-time tracking applications were considered high-impact but less feasible within the project timeline. Therefore, they were kept as future enhancements.

Step 4: Final Selected Idea

Based on prioritization, the team finalized the following:

- Development of interactive Tableau dashboards
- Analysis of dietary habits and academic performance
- Identification of strategies to promote healthier eating habits

These selected ideas align with the project objectives and can be effectively implemented within the given timeframe.

Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

❗ Brainstorm

Write down any ideas that come to mind
that address your problem statement.

🕐 10 minutes

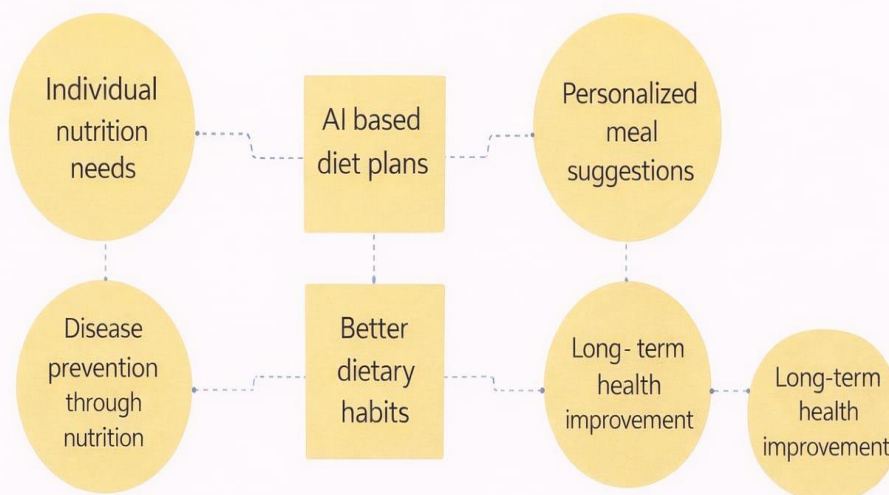| M. Bhavyasri	Sk. Afiya	Ch. Divya
Eating habit analysis tool / Food reconmendation system	Diet tracking dashboard / Customized diet plans	AI diet chatbot assistant / BMI assessment module

Step-2: Group ideas

💡 Take turns sharing your ideas while clustering similar or related notes as you go.
Once all sticky notes have been grouped, give each cluster a sentence label.
If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller
sub-groups.

Individual nutrition needs

AI based diet plans

Personalized meal suggestions

Disease prevention through nutrition

Better dietary habits

Long-term health improvement

Long-term health improvement

Step 3: Idea prioritization