Team Members:
1. **Sayali Sutar**
2. **Maithilee Kale**

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	PNT2025TMID02922
Project Name	Global Food Production trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	How might we leverage data visualization to uncover critical insights from global food production trends and identify key factors influencing food security and sustainability?
2.	Idea / Solution description	The solution involves using **Power BI** to visualize global food production data, identify trends, and uncover insights related to food security and sustainability. The system will analyze data patterns, detect inefficiencies, and highlight factors impacting production and distribution.
3.	Novelty / Uniqueness	The unique aspect of the solution lies in its ability to **dynamically cluster related data insights** and present them through **interactive dashboards**.
4.	Social Impact / Customer Satisfaction	By visualizing and analyzing key factors affecting global food security, the project helps policymakers and agricultural stakeholders make informed decisions to **enhance food sustainability** and **reduce wastage**, thereby contributing to **global food security efforts**.
5.	Business Model (Revenue Model)	The solution can be offered as a **data analytics platform** for agricultural organizations, governments, and research institutions through a **subscription model**. Customized insights and reports can be provided as premium services.

Team Members:
1. **Mansi Gavade**
2. **Prachi Kamlakar**

6.	Scalability of the Solution	The solution is designed to scale across different regions and crop types. By integrating data from multiple sources, the platform can expand to cover various agriculture field.