Project Initialization and Planning Phase

Date	19th JULY 2025
Team ID	xxxxxx
Project Title	Global Malnutrition Trends (1983-2019)
Maximum Marks	3 Marks

Project Proposal (Proposed Solution) template

This project proposal outlines a solution to address a specific problem. With a clear objective, defined scope, and a concise problem statement, the proposed solution details the approach, key features, and resource requirements, including hardware, software, and personnel.

Project Overview	
Objective	To analyze global malnutrition trends using Power BI to uncover insights for awareness and informed decision-making.
Scope	This project covers the analysis of malnutrition data across countries and years using Power BI to visualize key indicators like undernourishment, stunting, and wasting.
Problem Statement	
Description	Malnutrition remains a global challenge due to lack of accessible insights, which this project addresses through Power BI-based analysis and visualization.
Impact	This project helps raise awareness and support data-driven decisions to reduce malnutrition by providing clear, interactive insights through Power BI.
Proposed Solution	
Approach	Use Power BI to clean, model, and visualize malnutrition data for identifying trends, patterns, and high-risk regions globally.
Key Features	The project features interactive dashboards with country-wise, year-wise, and income-based visual analysis of key malnutrition indicators.

Resource Requirements

Resource Type	Description	Specification/Allocation
Hardware		
Computing Resources	CPU/GPU specifications, number of cores	AMD Ryzen 3 5300U with Radeon Graphics
Memory	RAM specifications	8 GB
Storage	Disk space for data, models, and logs	500 GB SSD
Software		
Frameworks	Python frameworks	Basics of Python
Libraries	Additional libraries	NIL
Development Environment	IDE, version control, Tool	Power BI
Data		
Data	Source, size, format	Kaggle dataset, 924 rows and 20 columns, CSV File