Project Design Phase-I
Proposed Solution Template

Date	25 October 2023
Team ID	Team-591279
Project Name	International Debt Analysis
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	• Analyze and understand the trends, patterns, and potential risks associated with international debt for various countries. • Identify the factors contributing to the increase or decrease in international debt. • Predict the potential economic impact of changes in international debt on countries' financial stability.
2.	Idea / Solution description	• Utilize advanced data analytics techniques to collect and process data related to international debt from various sources, including international financial institutions, government reports, and economic indicators. • Develop predictive models that can forecast future changes in international debt for different countries. • Visualize the data to provide insights and trends that can inform policymakers and investors about potential risks and opportunities.
3.	Novelty / Uniqueness	• Your project's novelty may come from using state-of-the-art data analytics techniques, machine learning, or artificial intelligence to analyze international debt data, offering

		insights that are not readily available through traditional methods.
		• The uniqueness can also stem from a particular focus on a subset of countries or an innovative approach to data collection and analysis.
4.	Social Impact / Customer Satisfaction	• Your analysis can help governments and international organizations make more informed decisions regarding debt management, potentially leading to improved economic stability and reduced financial crises. • Investors and financial institutions can use your findings to make more informed investment decisions, contributing to financial market stability.
5.	Business Model (Revenue Model)	• Offer your analysis as a subscription-based service to governments, financial institutions, and investors. • Provide customized reports and data visualization tools on a pay-per-use basis. • Explore partnerships with international financial organizations for data sharing and analysis services.
6.	Scalability of the Solution	• Your solution can be scalable by automating data collection and analysis processes, allowing it to handle data from an increasing number of countries. • Utilize cloud-based infrastructure to ensure scalability and accommodate a growing customer base. • Continuously update and improve your models and analytics techniques to stay relevant and address the evolving needs of your customers.