

Project Design Phase-I
Proposed Solution Template

Date	22 October 2023
Team ID	591236
Project Name	Chinese Debt Trap: Insights on money lending patterns
Maximum Marks	10 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The problem to be solved is to understand and analyze the complex money lending patterns associated with the Chinese Debt Trap. This includes identifying the key drivers, trends, and risks in debt lending and borrowing relationships between China and other countries. The goal is to provide valuable insights into the impact of these patterns on the socio-economic and political landscape of debtor nations.
2.	Idea / Solution description	The idea is to use data analytics and machine learning techniques to collect, preprocess, and

		analyze a wide range of data sources, including government reports, financial institutions' data, news articles, and research papers. By employing various analytical models, we aim to uncover hidden patterns and relationships in the data. These insights will help us gain a comprehensive understanding of the Chinese Debt Trap and provide actionable recommendations for stakeholders.
3.	Novelty / Uniqueness	The idea is to use data analytics and machine learning techniques to collect, preprocess, and analyze a wide range of data sources, including government reports, financial institutions' data, news articles, and research papers. By employing various analytical models, we aim to uncover hidden patterns and relationships in the data. These insights will help us gain a comprehensive understanding of the Chinese Debt Trap and provide actionable recommendations for stakeholders.
4.	Social Impact	The project's social impact is significant. Understanding the Chinese Debt Trap and its implications can help debtor nations make informed decisions to manage their debts more effectively. This can lead to improved socio-economic conditions, less dependency, and

		better negotiation power for these countries.
5.	Business Model (Revenue Model)	The project's primary focus is on research and analysis rather than generating direct revenue. However, there are potential revenue models, such as offering consulting services based on the insights generated, licensing the data and analysis to interested organizations, or securing grants and funding for further research and expansion.
6.	Scalability of the Solution	The solution is highly scalable, as it can be applied to various countries and regions beyond China, exploring debt lending and borrowing patterns in a global context. It can also be scaled vertically by incorporating more data sources and advanced analytics techniques to refine and expand the analysis.