

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	LTVIP2026TMIDS74689
Project Name	Prosperity Prognosticator: Machine Learning for Startup Success Prediction
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	High startup failure rates due to uncertainty, lack of data-driven evaluation, market unpredictability, and subjective investment decisions. Investors, entrepreneurs, and policymakers need a predictive system to assess startup success probability and reduce financial and strategic risk.
2.	Idea / Solution description	A machine learning-based predictive analytics system that analyzes startup data such as founder background, funding history, market trends, and industry performance to generate a success probability score. The model supports informed decision-making for investors, entrepreneurs, and policymakers.
3.	Novelty / Uniqueness	Uses advanced machine learning algorithms instead of traditional manual evaluation methods. Integrates multiple data sources to provide predictive insights and success probability scoring, reducing bias and improving decision accuracy.
4.	Social Impact / Customer Satisfaction	Improves investment efficiency, reduces financial losses, supports sustainable entrepreneurship, and enhances policy decision-making. Encourages innovation and economic growth through data-driven resource allocation.
5.	Business Model (Revenue Model)	Subscription-based SaaS platform with tiered pricing for investors and enterprises. Enterprise licensing, premium analytics reports, and API integration services for financial institutions and government agencies.
6.	Scalability of the Solution	Cloud-based and highly scalable across industries and regions. Can integrate real-time data sources and expand globally to support startup ecosystems and SME growth prediction.