

Project Design Phase

Proposed Solution

Team ID	LTVIP2026TMIDS87645
Project Name	Prosperity Prognosticator
Maximum Marks	2 Marks

Proposed Solution Template:

A machine-learning-based web application that predicts startup success using Random Forest.

S.No	Parameter	Description
1	Problem Statement (Problem to be solved)	Investors and startup founders face difficulty in predicting the future success of startups due to uncertainty, lack of data-driven tools, and reliance on intuition-based decisions.
2	Idea / Solution Description	Prosperity Prognosticator is a machine learning-based web application that predicts whether a startup will be acquired or closed by analyzing historical startup data such as funding amount, milestones, location, and age.
3	Novelty / Uniqueness	The solution combines machine learning prediction with a user-friendly web interface, enabling real-time startup outcome prediction using a Random Forest algorithm.
4	Social Impact / Customer Satisfaction	Helps investors make informed decisions, reduces financial risk, supports startup founders in strategic planning, and promotes data-driven entrepreneurship.
5	Business Model (Revenue Model)	The system can be offered as a subscription-based service for investors, freemium access for basic users, and premium analytics for enterprises.
6	Scalability of the Solution	The solution can be scaled by integrating cloud deployment, handling larger datasets, supporting more users, and enhancing the model with advanced algorithms.