Project Design Phase
Problem – Solution Fit Template

Date	05 February 2026
Team ID	LTVIP2026TMIDS61777
Project Name	Gemini Pro Financial Decoder
Maximum Marks	2 Marks

Problem – Solution Fit

Customer Problem

Financial analysts, business owners, startup founders, accountants, and financial journalists often need to analyze financial statements such as balance sheets, profit and loss reports, and sales data. However, financial data is usually presented in complex tables and large spreadsheets that are difficult to interpret quickly.

Manual financial analysis:

• Requires significant time and effort
• Demands financial expertise
• Is prone to human error
• Can delay decision-making

Non-financial stakeholders especially struggle to understand financial jargon and structured reports, which affects business planning and strategic decisions.

Proposed Solution

Gemini Pro Financial Decoder is a web-based AI-powered financial analysis application developed using Streamlit and Google Gemini Generative AI.

The system allows users to upload financial datasets in CSV or Excel format. The application processes the data, calculates key metrics, and generates structured financial insights using the Gemini AI model. It also provides visual dashboards and charts for better understanding.

The solution directly addresses the customer's need for:

• Fast and automated financial analysis
• Clear and structured AI-generated insights
• Visual representation of financial performance

• Simple and accessible web interface
• Reliable and easy-to-use system

Problem–Solution Fit Justification

The proposed solution effectively solves the identified customer problem by:

• Automating financial data analysis using advanced Generative AI
• Converting complex numerical data into understandable insights
• Reducing manual effort and saving time
• Providing dashboard metrics and visualizations for better decision-making
• Offering a lightweight, web-based interface without complex setup

Thus, the Gemini Pro Financial Decoder demonstrates a strong alignment between real-world financial analysis challenges and the AI-based solution, achieving a clear and effective problem–solution fit.