

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	
Project Name	DocuQuery: AI-Powered PDF Knowledge Assistant Using Google PALM
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	Users struggle with time-consuming manual searches, lack of summarization tools, limited interactivity, and poor accessibility in PDF documents.
2.	Idea / Solution description	DocuQuery uses Google PALM to enable natural language queries, instant summarization, voice commands, and text-to-speech features for seamless PDF interaction.
3.	Novelty / Uniqueness	Combines advanced AI (Google PALM) with a user-friendly interface, offering conversational PDF interactions and accessibility features not found in existing tools.
4.	Social Impact / Customer Satisfaction	Improves productivity for students, researchers, and professionals while enhancing accessibility for users with disabilities.
5.	Business Model (Revenue Model)	Freemium model: Free basic features with premium plans for advanced functionalities (e.g., team collaboration, API access).
6.	Scalability of the Solution	Designed to handle large-scale PDF processing and can be extended to support multiple document formats and languages in the future.