# Project Design Phase
## Proposed Solution Template

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| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID19414 |
| Project Name | BookNest |
| 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) | . Readers, particularly in remote or smaller towns, struggle to access a diverse collection of books at reasonable prices with prompt delivery. Additionally, there's a gap in personalized reading suggestions and regional language availability. |
| 2. | Idea / Solution description | A responsive and easy-to-use online book marketplace built using React (with Vite), Node.js, Express, and MongoDB. It offers a wide selection of books, AI-powered recommendations, secure payments, and efficient delivery services. |
| 3. | Novelty / Uniqueness | Unlike mainstream platforms, this solution emphasizes regional language support, promotes independent authors, and uses AI to deliver tailored reading suggestions, making it more inclusive and community-focused. |
| 4. | Social Impact / Customer Satisfaction | Enhances literacy and reading access across diverse regions, empowers local writers, and provides a seamless and rewarding experience for readers of all demographics. |
| 5. | Business Model (Revenue Model) | Income streams include book purchases, shipping fees, paid promotions for authors, subscription plans for premium content, and personalized advertisements. |
| 6. | Scalability of the Solution | . Built on a scalable tech stack (React, Node.js, MongoDB Atlas), the platform is capable of handling increased user demand, expanding geographically, and integrating new formats like eBooks and audiobooks. |