**Project Design Phase**

**Proposed Solution Template**

| Date | 23rd May 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID49815 |
| 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** |
| --- | --- | --- |
|  | Problem Statement (Problem to be solved) | Many readers, especially in smaller cities or remote areas, face difficulties accessing a wide range of books at affordable prices and with quick delivery. There’s also a lack of personalized recommendations and local-language content. |
|  | Idea / Solution description | A user-friendly online book shopping platform built with React (Vite), Node.js, Express, and MongoDB that offers a vast catalog of books, personalized suggestions, and seamless ordering with secure payment and fast delivery. |
|  | Novelty / Uniqueness | Unlike large retailers, this platform can focus on regional content, support indie authors, offer localized language filters, and provide AI-driven reading recommendations. |
|  | Social Impact / Customer Satisfaction | Promotes literacy by making books accessible across all regions, supports local authors, and delivers a convenient and satisfying shopping experience to users of all ages. |
|  | Business Model (Revenue Model) | Revenue will be generated through book sales, delivery charges, author promotions, premium memberships for exclusive content, and targeted advertising. |
|  | Scalability of the Solution | Built with scalable technologies (React, Node.js, MongoDB Atlas), the platform can support growing traffic, expand to new regions, and add features like eBooks and audio books in the future. |