**Project Design Phase**

**Proposed Solution**

|  |  |
| --- | --- |
| Date | 26-06-2025 |
| Team ID | LTVIP2025TMID46365 |
| Project Name | Book Nest |
| Maximum Marks | 2 Marks |

**Proposed Solution for Book Nest App**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Parameter** | **Description** |
| 1 | **Problem Statement (Problem to be solved)** | Readers often struggle to find specific books, face limited access to bookshops, and have difficulty managing purchases and order history. Book sellers face challenges in inventory tracking, order handling, and user engagement. |
| 2 | **Idea / Solution Description** | Book Nest is a full-stack online bookstore platform built with the MERN stack. It offers book discovery, recommendations, digital purchases, reviews, and inventory management. Admin and seller tools allow efficient book and order management. |
| 3 | **Novelty / Uniqueness** | • Real-time inventory updates • Role-based access for users, sellers, and admins • Secure checkout & payment integration • Wishlist and review system • Responsive UI for web and mobile |
| 4 | **Social Impact / Customer Satisfaction** | • Reduces need for physical store visits • Enables wider access to books across regions • Improves user satisfaction with reviews, wishlists, and tracking • Empowers small sellers via online presence |
| 5 | **Business Model (Revenue Model)** | • Freemium for basic sellers • Commission on every book sale • Premium seller subscriptions (analytics, visibility, ads) • B2B tie-ups with publishers and libraries |
| 6 | **Scalability of the Solution** | • Built for scalability using modular architecture • Global-ready with multi-language, multi-timezone, and multi-currency support • Mobile-first UX with future React Native or Flutter app • Modular microservices-based backend for flexibility |