# Project Design Phase

**Proposed Solution**

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| **Date** | 23 June 2025 |
| **Team ID** | LTVIP2025TMID53966 |
| **Project Name** | BookNest: Where Stories Nestle |
| **Mentor Name** | Dr Shaik Salma Begam |
| **Maximum Marks** | 2 Marks |

**PROPOSED SOLUTION:**

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Many book lovers struggle to find specific titles, explore new genres, and make secure purchases due to poor search functions, slow checkout, and unresponsive design. |
| 2. | Idea / Solution Description | BookNest is a robust online bookstore built on the MERN stack. It provides intuitive book discovery, powerful filters, secure user authentication, and easy order management. |
| 3. | Novelty / Uniqueness | BookNest offers genre-based exploration, real-time recommendations, responsive UI for all devices, and a dedicated admin panel. Planned AI-driven personalization sets it apart. |
| 4. | Social Impact / Customer Satisfaction | BookNest promotes literacy by improving access to a wide range of books. It enhances user satisfaction through convenience, reliability, and personalized experiences. |
| 5. | Business Model (Revenue Model) | Revenue can be generated through book sales, featured author/book placements, targeted ads, affiliate partnerships, and membership plans for avid readers. |
| 6. | Scalability of the Solution | BookNest is built to scale efficiently using modular architecture, MongoDB for flexible data handling, and cloud deployment to support growing traffic and inventory. |