**Project Design Phase**

**Proposed Solution Template**

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| Date | 20 June 2025 |
| Team ID | LTVIP2025TMID53930 |
| Project Name | **BookNest: Where Stories Nestle** |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Traditional bookstore management systems lack digitization and role-based accessibility. Managing books, sellers, users, and orders manually is inefficient and prone to data inconsistency and delays. |
|  | Idea / Solution description | BookNest is a MERN stack-based online bookstore platform offering a seamless experience for Users, Sellers, and Admins. It allows sellers to add/manage books, users to browse and order books, and admins to oversee operations. |
|  | Novelty / Uniqueness | The platform implements role-based dashboards (User, Seller, Admin) and streamlines order flow with features like real-time status updates, JWT-based authentication, and responsive UI built with modern React components. |
|  | Social Impact / Customer Satisfaction | Users benefit from a simplified shopping experience, while sellers can easily manage inventory. Admins get centralized control, improving transparency and satisfaction across all stakeholders. |
|  | Business Model (Revenue Model) | BookNest can be scaled into a SaaS platform for bookstores, used by educational institutions for managing book procurement, or monetized via affiliate book listings and premium seller subscriptions. |
|  | Scalability of the Solution | The solution is built on scalable architecture and can easily support high traffic, add payment gateways, or expand to a marketplace model involving publishers and libraries across multiple regions. |