**Project Design Phase**

**Proposed Solution Template**

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| Date | 20 March 2025 |
| Team ID | **SWTID1743689974** |
| Project Title | Bookstore |
| 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** |
| 1 | Problem Statement (Problem to be solved) | Traditional bookstores and many online platforms lack personalized user experiences, flexible seller management, and intuitive discovery features. Sellers struggle to reach targeted audiences, and buyers face difficulty in navigating large catalogs. |
| 2 | Idea / Solution Description | A MERN-stack bookstore platform with Firebase authentication and MongoDB Atlas. The site includes role-based dashboards for Admin, Seller, and Buyer. Key features: Top Seller Page, Genre Filtering, Recommended Section, News Section, Wishlist, and Add to Cart functionality. |
| 3 | Novelty / Uniqueness | Role-based dashboards for each user type, personalized book recommendations, dynamic genre sorting, real-time updates via news, and seamless cart/wishlist system in one full-stack platform. |
| 4 | Social Impact / Customer Satisfaction | Helps promote reading by making books more discoverable and affordable, empowers small sellers with online tools, and improves user satisfaction with personalization and ease of use. |
| 5 | Business Model (Revenue Model) | Revenue generated through seller commissions, subscription plans for premium listing features, affiliate marketing, and targeted advertising for books and authors. |
| 6 | Scalability of the Solution | Hosted on scalable platforms like Firebase and MongoDB Atlas. Easily extensible to handle more users, books, and features. Can support mobile apps and multi-language expansion in future. |