Proposed Solution – BookNest: Where Stories Nestle

Date: 15 February 2025

Team ID: LTVIP2025TMID20432

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.

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Book lovers face challenges discovering, accessing, and purchasing books from varied sources. Existing platforms are fragmented and lack community engagement, personal recommendations, and role-specific access.
2	Idea / Solution description	BookNest is a full-stack digital bookstore platform using the MERN stack. It allows users to discover and buy books, sellers to manage inventory, and admins to monitor platform activities. Features include responsive UI, advanced search, order tracking, and review systems.
3	Novelty / Uniqueness	Unlike standard bookstore apps, BookNest integrates user-book interaction tracking, community-based ratings, seller portals, and admin dashboards. It supports modular microservices and can evolve into a recommendation engine with AI.

4	Social Impact / Customer Satisfaction	Encourages reading by offering easy access to diverse books, supports small publishers/sellers, and builds a trusted community of readers. Offers convenience, transparency, and engagement to enhance customer satisfaction.
5	Business Model (Revenue Model)	Commission on book sales, premium seller subscriptions, ad placements, and partnerships with publishers. Future scope includes affiliate marketing and paid recommendations.
6	Scalability of the Solution	Designed using scalable technologies (MERN). Can integrate new modules like payment gateways, mobile apps, AI-based recommendations, or international shipping with minimal refactoring.