Project Design Phase

Proposed Solution

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
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.