

BookNest: Where Stories Nestle	Team ID: LTVIP2026TMIDS24289
Team Leader: Keerthi Mekala	Member 1: Adil Mohammed
Member 2: Vasanth Metla	Member 3: Rahimtulla Shaik

Project Design Phase - Problem-Solution Fit

The Problem-Solution Fit confirms that BookNest has identified real problems faced by book buyers and sellers, and that the platform's features directly solve those problems. This document maps each identified problem to its solution and validates the fit.

Problem-Solution Fit Canvas

Target Customer: Book Buyer	
PROBLEM	SOLUTION (BookNest Feature)
Cannot find affordable books easily on a single trusted platform	Browse all books listed by sellers on the BookNest home page
No way to save interesting books for future purchase	Wishlist feature to add and remove favourite books
Difficult to order books online from individual sellers	Order placement system with buyer details and order history
Concern about trust and authenticity of sellers	Admin moderated platform ensuring verified sellers and listings

Target Customer: Book Seller	
PROBLEM	SOLUTION (BookNest Feature)
No simple online platform to list books for sale	Seller dashboard to add books with title, author, genre, price, and image
Difficult to manage and track book inventory	View and delete listings from the seller dashboard
No visibility into who is buying books	Seller order view showing all orders for their books
Limited reach of potential book buyers	Books visible to all registered users on the platform

Target Customer: Platform Admin

PROBLEM	SOLUTION (BookNest Feature)
No way to monitor and manage all users and sellers	Admin dashboard to view all users and sellers
Inability to remove bad actors or inappropriate content	Admin can delete users, sellers, and book listings
No central overview of platform activity	Admin can view all books and orders across the platform

Solution Validation

Criteria	Status	Evidence
Solves buyer's book discovery problem	Achieved	Book listing and detail pages implemented
Solves buyer's wishlist need	Achieved	Wishlist add/remove functionality working
Solves buyer's ordering need	Achieved	Order placement and history implemented
Solves seller's listing problem	Achieved	Seller dashboard with add/delete books
Solves admin management need	Achieved	Admin panel with full control implemented
Secure authentication for all roles	Achieved	bcrypt hashing + role-based login

Team ID: LTVIP2026TMIDS24289 | Team Leader: Keerthi Mekala | Members: Adil Mohammed, Vasanth Metla, Rahimtulla Shaik