Ideation Phase - Brainstorming & Idea Prioritization

BookNest: Where Stories Nestle

This document captures the brainstorming session conducted by the BookNest team to identify, generate, and prioritize ideas for building our online book store platform.

Step 1: Team Gathering & Problem Statement

Team Members:

- Keerthi Mekala (Team Leader)
- Adil Mohammed
- Vasanth Metla
- Rahamtulla Shaik

Selected Problem Statement:

"Book buyers and sellers lack a dedicated, easy-to-use online platform to connect, browse, and trade books securely."

Step 2: Brainstorm & Idea Listing

The team brainstormed the following ideas:

#	Idea	Category
1	Build a full-stack book marketplace using MERN stack	Tech Stack
2	Allow sellers to register and list books with images	Seller Feature
3	Enable users to search books by title, author, genre	User Feature
4	Add wishlist functionality for users to save books	User Feature
5	Create order management for users and sellers	Order Feature
6	Admin dashboard to manage users, sellers, and books	Admin Feature
7	Use JWT for secure user authentication	Security
8	Use MongoDB Atlas for cloud database hosting	Database
9	Responsive UI using React.js and Bootstrap	Frontend

10	Use bcrypt for secure password hashing	Security

Step 3: Idea Prioritization

After discussing all ideas, the team prioritized them based on importance and feasibility:

Feature	Priority	Feasibility	Status
MERN Stack Architecture	High	High	Implemented
User Authentication	High	High	Implemented
Seller Dashboard	High	High	Implemented
Book Search & Browse	High	High	Implemented
Wishlist Feature	High	Medium	Implemented
Order Management	High	Medium	Implemented
Admin Dashboard	Medium	Medium	Implemented
Cloud Database (MongoDB Atlas)	Medium	High	Implemented
Secure Password Hashing	High	High	Implemented
Responsive UI (Bootstrap)	Medium	High	Implemented

Conclusion

After thorough brainstorming and prioritization, the team decided to build BookNest as a full-stack MERN application with separate dashboards for Users, Sellers, and Admins. All high-priority features were successfully implemented in the final product.

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