

# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	8 february 2026
Team ID	LTVIP2026TMIDS34775
Project Name	BookNest : where stories nestle
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement

**Team members involved**

**Frontend:**  
Designed and Implemented user interface using React (Vite). Developed pages: Home, Login, Register, Books, Cart, Order. Implemented animations and responsive design integrated frontend with backend APIs.

**Backend:**  
Proposed and implemented authentication system. Suggested scalable API using recommended under microservices architecture.

**UI/UX Design:**  
Proposed and implemented UI concept. Proposed background visual for engagement. Designed user-friendly checklist form.

**Domain:** (E-Commerce & Book Retail Knowledge)

**Highlighted Importance of book categorization** Suggested cross tracking feature for books. Suggested usage like payment gateway and AI recommendations.

**Collaboration Tools:**

- Slack - Used for real-time team communication, sharing documents, coordinating timelines, and managing tasks.
- Microsoft Teams - Used for direct and timely communication, file sharing, meeting scheduling, and document collaboration.
- Google Meet - Used for video calls to discuss branching, feature development, and deployment milestones.
- Zoom - Used for remote team meetings, real-time collaboration, and document sharing during planning meetings.

**Problem Statement**

In today's digital age, many readers face difficulty in choosing, purchasing, and managing their library due to limited resources and lack of personalization. The current system is static, lacks user engagement, and requires manual navigation. The proposed solution aims to address these challenges by creating a dynamic, personalized, and user-friendly interface. It will utilize AI-powered recommendation engines to suggest books based on user interests and reading history. The platform will also offer a secure payment gateway for easy transactions and a user-friendly dashboard for managing book collections.

#### Step-2: Brainstorm, Idea Listing and Grouping

##### Person 1



##### Person 2



##### Person 3



##### Person 4



3 Group ideas

Image Collection	Use mobile app camera; allow bulk upload; integrate cloud storage
Model Training	Fine-tune MobileNetV2; experiment with EfficientNet; data augmentation
User Feedback	Let users confirm/correct predictions
Prediction UX	Show confidence score; color-coded results
Notifications	SMS/email alerts on spoilage detected
Deployment	Use AWS Lambda for inference; Docker containers; Kubernetes
Integration	Link with inventory management systems
Accessibility	Multilingual support; offline mode

### Step-3: Idea Prioritization

4 Idea Prioritization

