

Ideation Phase

Brainstorm & Idea Prioritization


Date	12 January 2025
Team ID	SWTID1743607143
Project Name	Book Ease
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

[Mural Link](#)

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

Template





Brainstorm & idea prioritization

1

Define your problem statement

The current fragmented market for used books lacks a reliable, centralized platform, hindering efficient transactions and fostering mistrust due to poor communication and limited reach. "Book Ease" will address this by creating a seamless online marketplace, connecting buyers and sellers through integrated messaging, transparent reviews, and secure transactions, ultimately simplifying the buying and selling of used books. .



Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Jithin

How will we ensure the accuracy and consistency of book condition descriptions?

How can we optimize the search functionality for a large catalog of books?

How will we manage and moderate user-generated content (reviews, messages)? ..

Merlin

How will we implement the real-time messaging system between buyers and sellers?

How do we plan to handle image storage and optimization for book listings?

How will we scale the application to handle a growing user base?

Samriddhi

How will we integrate shipping label generation and tracking?

How do we plan to handle user disputes and ensure fair resolutions?

How can we make the platform accessible to users with disabilities?

Kirtan

How will we implement efficient image compression and resizing to optimize page load times?

How will we design the API endpoints for seamless communication between the frontend and backend?

How will we implement robust error handling and logging to ensure application stability?

3

Group ideas

Establish a database structure optimized for large volumes of book and user data.

Utilize caching mechanisms to enhance application speed.

Implement robust error handling and logging for application stability.

Define a system for classifying and handling different book conditions.

Design an intuitive and user-friendly interface.

Ensure data security and prevent unauthorized access to sensitive information.

Develop a robust and efficient book search and filtering system.

Create a user-friendly and efficient messaging system.

Ensure cross-browser compatibility.

Provide clear instructions for listing and purchasing books.

Enable users to save favorite sellers and books.

Implement efficient image compression and resizing for optimal page loading.



Step-3: Idea Prioritization

