

# Business Use Case & User Story Document

Project: Book Review Management System

Prepared by: Shruti Chavan

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## 1. Business Overview

The Book Review Management System is a web platform where registered users can post, read, edit, and delete reviews for books. The system helps readers make informed decisions based on community ratings and feedback.

## 2. Objectives

- Enable users to share their experiences and opinions on books.
- Provide average ratings and review counts per book.
- Prevent spam or duplicate reviews by enforcing one-review-per-user-per-book.
- Secure all operations using JWT-based authentication.

## 3. Actors / User Roles

- Registered User: Can add/edit/delete reviews
- Guest User: Can only read public reviews
- Admin (Future Scope): Moderate or flag abusive content

## 4. Use Case: Submit a Book Review

Use Case ID: UC001

Title: Submit Review

Actor: Registered User

Description: The user submits a review and rating for a selected book.

Preconditions: User must be logged in. The book must exist in the catalog.

Postconditions: The review is saved and reflected in the book's overall rating.

Basic Flow:

1. User logs in to the platform.
2. Navigates to a book's detail page.
3. Clicks on "Write a Review."
4. Enters rating and review text.
5. Submits the review.

Alternative Flow:

- If the user has already reviewed this book, show an "Update Review" option instead.

## 5. User Stories (Agile Format)

US001 – Submit Review:

As a registered user,  
I want to submit a review and rating for a book,  
So that I can share my feedback with other readers.

US002 – View All Reviews for a Book:

As a guest or registered user,  
I want to view all reviews for a specific book,  
So that I can decide whether to read it.

US003 – Edit My Review:

As a registered user,  
I want to edit a review I previously submitted,  
So that I can update my opinion or correct mistakes.

US004 – Delete My Review:

As a registered user,  
I want to delete a review I posted,  
So that I can remove it from the public view if needed.

## 6. Assumptions

- Each user can review each book only once.
- Reviews are tied to authenticated users.
- Admin moderation is not included in Phase 1.

## 7. Non-Functional Requirements

- Secure endpoints with JWT
- Support 1000+ concurrent users
- Responsive UI on mobile and desktop
- API response time under 2 seconds