**HIGH LEVEL TECHNICAL REQUIREMENT DOCUMENT**

**BOOKS MANAGEMENT SYSTEM – DELETE BOOK PAGE**

**1. Overview**

This document outlines the requirements for creating a user-friendly Delete Book Page within the dashboard of the Books Management System. The page will allow administrators to delete book records securely and efficiently.

**2. Objective**

* Develop a simple and user-friendly page for deleting book records.
* Implement validation to confirm the deletion action.
* Integrate the frontend with the API to delete book data.

**3. Success Criteria**

* Administrators can access the Delete Book Page from the book list.
* Administrators can confirm and delete book records.
* A success notification appears upon successful deletion.
* Appropriate error notifications appear for failed deletion attempts.

**4. Components (Form)**

* **Book Details:**
  + **Display Fields:** Title, Genre, Publisher, Author, Book Number, Publication Date (to confirm the correct book is being deleted)
* **Delete Confirmation:**
  + **Message:** Are you sure you want to delete this book?
  + **Buttons:**
    - **Confirm Button:** Type: Submit, Label: Yes, Delete
    - **Cancel Button:** Type: Button, Label: Cancel, Functionality: Redirects back to the book list without deleting the book
* **Error Handling:**
  + Display an alert or error notification if the deletion fails.

**5. Page Workflow**

1. **Accessing Delete Book Page:**
   * From the book list page, click the 'Delete' action for a specific book.
   * The system fetches the book's current details and displays them for confirmation.
2. **Confirming Deletion:**
   * Administrator reviews the book details to confirm the correct book is being deleted.
   * Administrator clicks the 'Yes, Delete' button to confirm.
   * The system sends an API request to delete the book.
3. **Handling Deletion Response:**
   * On success, a notification appears, and the administrator is redirected to the book list page.
   * On failure, an error notification appears, indicating the issue.

**6. API Integration**

* **Fetch Book Details:**
  + **Endpoint:** GET /api/books/{id}
  + **Description:** Fetches the details of a specific book for confirmation.
* **Delete Book:**
  + **Endpoint:** DELETE /api/books/{id}
  + **Description:** Deletes a specific book.