Training Day-18 report

14 July, 2025

Today, I focused on further enhancing the **Book Management System**, particularly the **frontend interface**, **authentication flow**, and integration of **file preview/download features**. While several parts were successfully implemented, an ongoing file upload issue remains unresolved.

Work Undertaken:

1. **Frontend-Enhancements:**
   • Designed a basic UI for the **Home Page** and **Book Upload Page**.
   • Worked on integrating **preview and download functionality** using Cloudinary URLs retrieved from the backend.
      – Faced some confusion during this integration and took external help to resolve most of it.

2. **Authentication-Debugging:**
   • Identified and fixed an issue where **JWT tokens were not persisting** after login and registration.
      – Adjusted the logic for **storing and accessing tokens** on the client side to maintain session continuity.

3. **Pending – Book Upload Issue:**
   • Encountered a **configuration error** in the **Cloudinary upload function**, which is currently preventing successful file uploads.
      – This remains unresolved and will be a primary focus in the next session.
      – Initial indications point to misconfiguration in either the API setup or upload logic.

Key-Learnings:
• Reinforced understanding of **frontend-backend integration**, especially for content delivery features like downloads and previews.
• Improved handling of **client-side token storage** to support persistent authentication.
• Recognized the need for robust **configuration validation and error logging** in third-party service integration.

Conclusion:
While much progress was made on UI and session management, the Cloudinary upload issue is currently a blocker. I plan to debug this in depth tomorrow and ensure the file upload flow is working seamlessly.

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