

Training Day-17 report

12 July, 2025

Today, I continued refining the **Book Management System**, focusing on building out the **frontend interface**, debugging authentication flows, and integrating document preview/download features into the UI. Progress was steady, though a file upload issue remains unresolved.

Work Undertaken:

1. Frontend Development:

- Designed and implemented a **basic interface** for the following pages:
 - **Home Page**
 - **Book Upload Page**
- Integrated **preview and download functionalities** into the UI using Cloudinary URLs stored in the database.
 - Faced some confusion with this integration but resolved most of it with external guidance.

2. Authentication Debugging:

- Resolved an issue where **tokens were not persisting** after login/sign-in.
 - Made necessary adjustments to **token handling and storage**, ensuring consistent session behavior across page reloads.

3. Pending Issue – File Upload:

- Encountered a **configuration error** while trying to upload book files to **Cloudinary**.
 - This prevented successful file storage and remains the main issue to be addressed.
 - Plan to **debug the cloud upload logic** thoroughly tomorrow.

Key-Learnings:

- Reinforced the process of **UI and backend integration**, especially when dealing with externally hosted content like downloadable/previewable files.
- Improved understanding of **token persistence**, session state, and their role in smooth user experience.
- Identified the importance of correct **cloud storage configuration** and error handling.

Conclusion:

While much of today's work focused on interface polish and feature integration, the file upload issue remains a priority. Tomorrow's goal will be to fix the upload process and ensure full flow from book submission to download is working correctly.