

Document Submission System Description

Main Features Summary

1. Upload PDF documents (Invoice, PL, BL)
2. Check upload status (submitted, filename, timestamp)
3. Cancel selected upload before submission
4. Delete database record only (file remains)
5. Display submission timestamp including hour and minute
6. Show logged-in company username

1. Upload Functionality

- Users can upload Invoice, Packing List, and Bill of Lading documents.
- In the controller, `handleUpload()` processes the files.
- Existing document (both file and DB record) is removed before saving new.
- File is saved with a UUID-based name to prevent duplication.
- Record is saved to DB with metadata.

2. Upload Status and Timestamp

- The system queries DB for documents uploaded by the user.
- If found, the file name and creation timestamp are displayed.
- Time is formatted as 'yyyy-MM-dd HH:mm'.

3. Delete Database Record Only

- Clicking 'DB Delete' removes only the metadata from the DB.
- Uploaded file remains on the server.

4. Cancel File Selection

- A JavaScript function allows clearing the selected file input.
- File is removed from the input field before upload.

5. Display Logged-in Username

- The upload form shows the logged-in user ID using the session.

Document Submission System Description

- Example: 'username (Company) Document Submission Status'

Entity: Import

- Fields: username, ifilecode (e.g., INVOICE), iname, ipath, iinfo, istatus
- Creation date: icreatedate (LocalDateTime)
- Last modified date: imodifydate (auto updated)

Tech Stack

- Spring Boot: Backend framework
- Spring MVC + HttpSession: Request handling and login
- JPA: Database persistence
- Thymeleaf: HTML rendering
- Java IO/NIO: File saving and deletion
- HTML + JavaScript: File form interaction