

PBX Archive & Collaboration Tool

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About

PBX is a web application designed as a searchable archive of creative documents, allowing a team to assemble self contained artistic statements into larger, more complex multimedia projects.



Features

- User login for group members
- Formatted documentation of creative documents
- Searchable archive of documents, filtered by category & user



Planning - User Stories

Although contemporary technology allows us to keep an endless log of creative projects and media, many ideas that would otherwise be lost in a notebook, hard drive, or further refined for production are lost in fold. The aim of PBX is to elevate these self contained statements as important documents of their own, providing a clean & efficient way to revisit, and compliment them with new work that can transform or augment the meaning of the original work.



Planning - Database

The database in PBX, includes a User, Document, and Media tables, where each user has the option to create categories that suit the work. Contemporary art is often created as a patchwork of media, created at different times with a unique set of collaborators. The DB for PBX allows the user to locate work by user, media, and/or time the inspiring work was created.



Technology Stack

- Java
- Spring Boot
- Thymeleaf
- Hibernate
- phpMyAdmin
- Bootstrap, including CSS, JQuery & JavaScript files



Demo



What I Learned

- How to create more intricate DB connections for more efficient searching
- Gaining further competency with HTML, CSS, & Bootstrap
- Learning JQuery syntax & further understanding/troubleshooting bugs with Hibernate & Gradle



What's Next

- Adding a feature on the user homepage to access random documents.
- Adding more distinctive UI improvements
- Integrating Google+ API
- Integrating Google Geolocation API

