

Your Answer Component Table

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<i>Component</i>	<i>Responsibilities</i>	<i>Interacts with</i>
Catalog Interface	Displays search options (by annotation, date, file type, name), and file details. Collects user input for searching, file management actions (view, move, delete, add).	Catalog Logic
Curation Interface	Displays functions that enable users to search source files on disk and add to the catalog, delete source files from catalog, compare source files from disk, and validate the catalog)	Curation Logic
File Catalog	Stores metadata about files (annotations, modification date, etc.) Allows data transfer between catalog logic and curation logic	Catalog Logic, Curation Logic
Catalog Comparison	Compares the content of files based on user selection, showing differences.	Catalog Logic, File Comparison viewer
File comparison viewer	Displays differences between selected files, highlighting changes (similar to "diff" functionality)	Catalog Comparison, Disk Comparison module
Disk comparison module	Compares files in the catalog with actual files on disk to detect differences or missing files. (Possible external module)	Curation Logic, File comparison viewer, Disk

File Validation	Ensures catalog data aligns with actual files on disk (e.g., check for file changes)	Curation Logic, Disk
Curation logic	Curate and modify the catalog based on user input, allows annotations to be made, and controls the search logic for files on the disk	Disk, Curation Interface, File Catalog, Disk Comparison Module, File Validation
Catalog logic	Controls the search logic for files in catalog based on user input. Supports searching by annotation, date, file type, or file name. Also allows annotations to be edited, and allows files to be moved to a new location	File catalog, Catalog Interface, Catalog Comparison