Final Project UML

Kameron Cole

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| Document |

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| - title: String |

| - author: String|

| - content: String|

| - filePath: String|

| - category: String|

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| + getTitle(): String

| + setTitle(title: String): void

| + getAuthor(): String

| + setAuthor(author: String): void

| + getContent(): String

| + setContent(content: String): void

| + getFilePath(): String

| + setFilePath(filePath: String): void

| + getCategory(): String

| + setCategory(category: String): void

| + toString(): String

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| Library |

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| - documents: ArrayList<Document> |

| - libraryName: String |

| - totalDocuments: int |

| - lastSearch: String |

| - isModified: boolean |

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| + addDocument(doc: Document): void

| + removeDocument(doc: Document): void

| + search(query: String): ArrayList<Document>

| + getDocuments(): ArrayList<Document>

| + getTotalDocuments(): int

| + setLibraryName(name: String): void

| + toString(): String

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