Document Management System

OOM-MINI-PROJECT

IIT2020055

IIT2020050

IIT2020052

IIT2020094

Guided by:-

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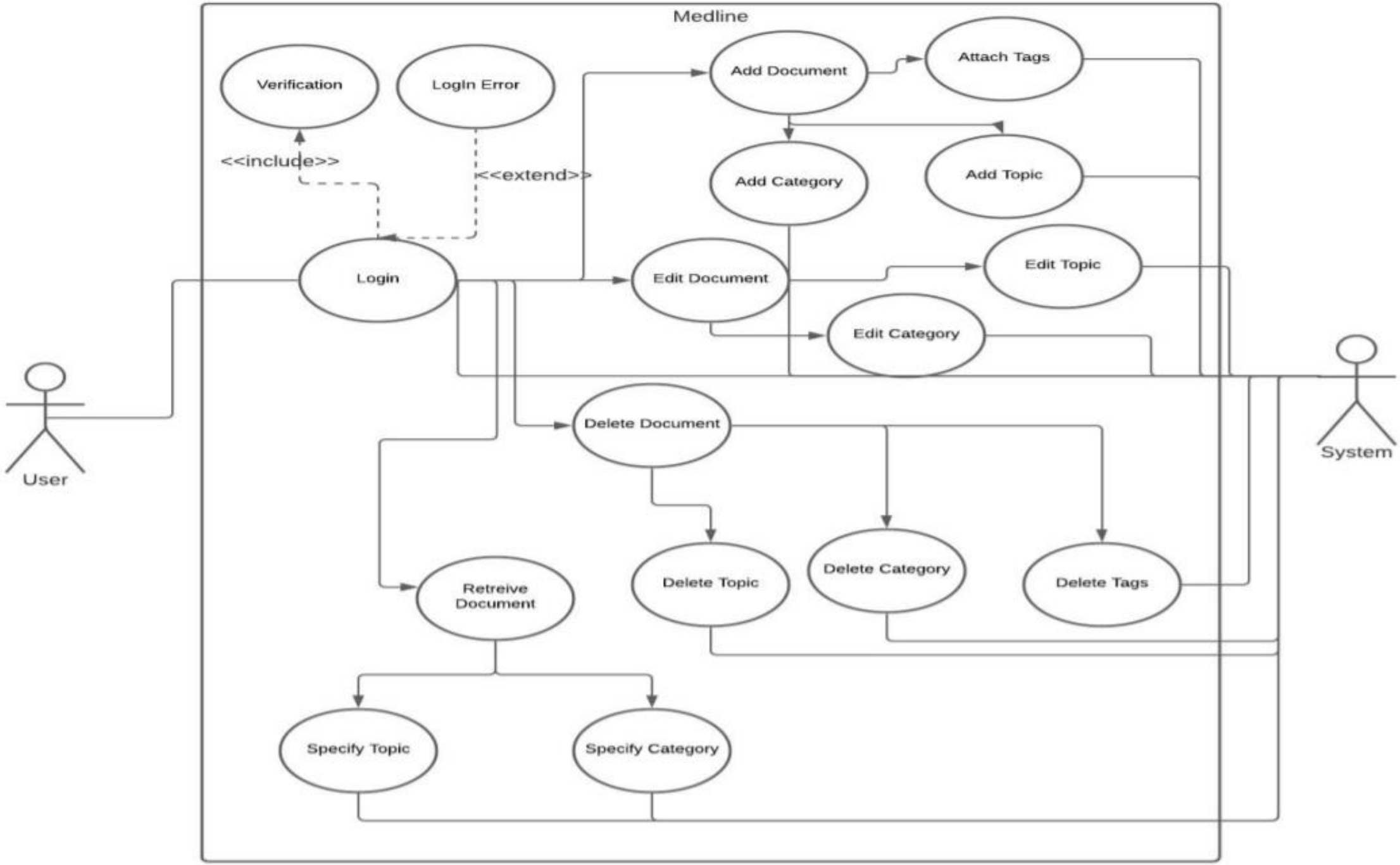
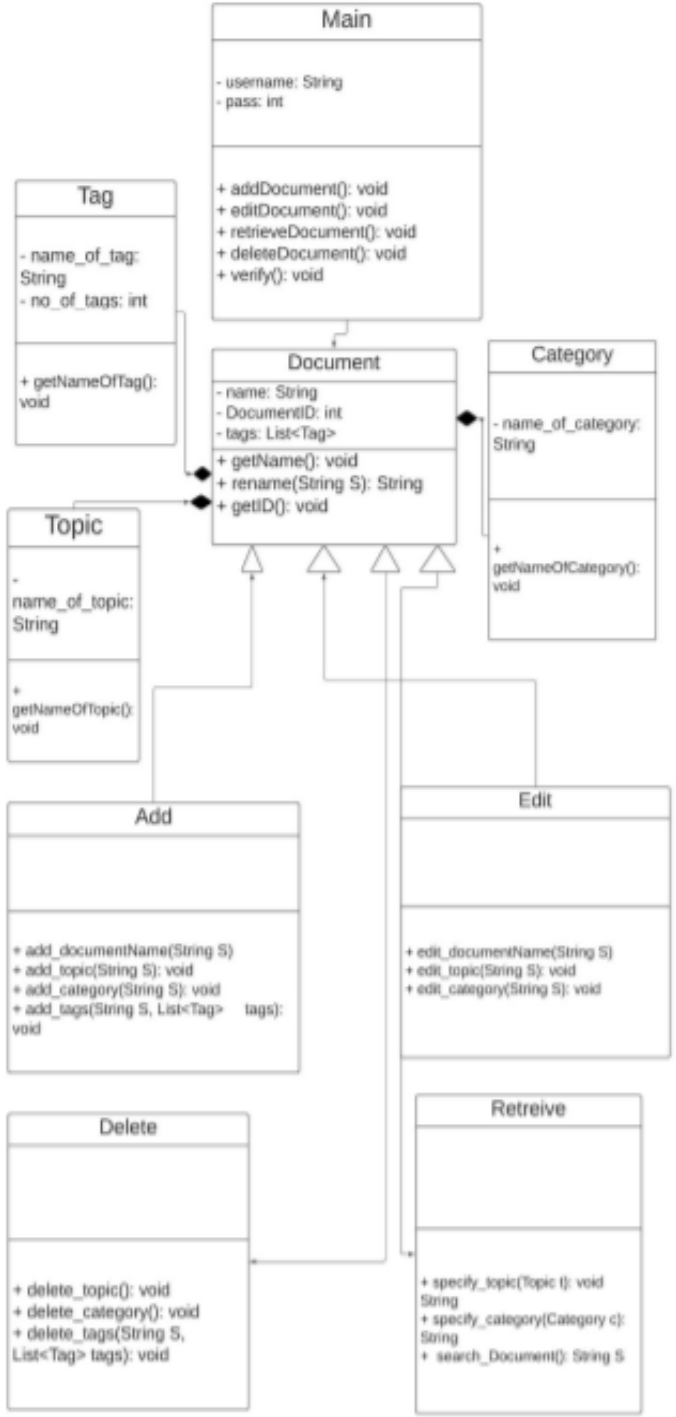

Medline
Verification
Login Error
Add Document
Attach Tags
<<include>>
<<extend>>
Add Category
Add Topic
Login
Edit Document
Edit Topic
Edit Category
User
System
Delete Document
Retreive Document
Delete Topic
Delete Category
Delete Tags
Specify Topic
Specify Category


Main
- username: String
- pass: int
+ addDocument(): void
+ editDocument(): void
+ retrieveDocument(): void
+ deleteDocument(): void
+ verify(): void
Tag
- name_of_tag: String
- no_of_tags: int
+ getNameOfTag(): void
Document
- name: String
- DocumentID: int
- tags: List<Tag>
+ getName(): void
+ rename(String S): String
+ getID(): void
Category
- name_of_category: String
+ getNameOfCategory(): void
Topic
- name_of_topic: String
+ getNameOfTopic(): void
Add
+ add_documentName(String S)
+ add_topic(String S): void
+ add_category(String S): void
+ add_tags(String S, List<Tag> tags): void
Edit
+ edit_documentName(String S)
+ edit_topic(String S): void
+ edit_category(String S): void
Delete
+ delete_topic(): void
+ delete_category(): void
+ delete_tags(String S, List<Tag> tags): void
Retreive
+ specify_topic(Topic t): void String
+ specify_category(Category c): String
+ search_Document(): String S

CRC DIAGRAM

Class-responsibility-collaboration (CRC) cards are a brainstorming tool used in the design of object-oriented software. To create a CRC card, you can begin by writing out a scenario which identifies the major actors and actions which the actors do. Only write out actions and actors specific to that particular scenario. Nouns should turn into the classes of the card, verbs typically turn into the responsibilities of the card, and collaborators are the other cards with which the card will be interacting.

Crc Diagram

Main

- Responsible for choosing b/w options of actions on Document
- These actions are typically Add Edit and Delete

- Document
- AddDocument
- EditDocument
- DeleteDocument
- RetreiveDocument

Document

- Responsible for holding data
- Responsible for having tags, topic category
- Responsible for actions on documents

- Tag
- Category
- Topic

Tag

- Responsible for attaching tags to a document
- Responsible for holding record of each tag for each document

- Document

Category

Responsible for defining the category of each Document

- Document

Topic

- Responsible for attaching a topic to each document

- Document

Add Document

- Responsible for adding topic, category and tags for each document added

- Document
- Topic
- Category
- Tag

Edit Document

- Responsible for updating and changing topic , category and tags for each document

- Document
- Topic
- Category
- Tag

Delete Document

- Responsible for deleting all contents of a document

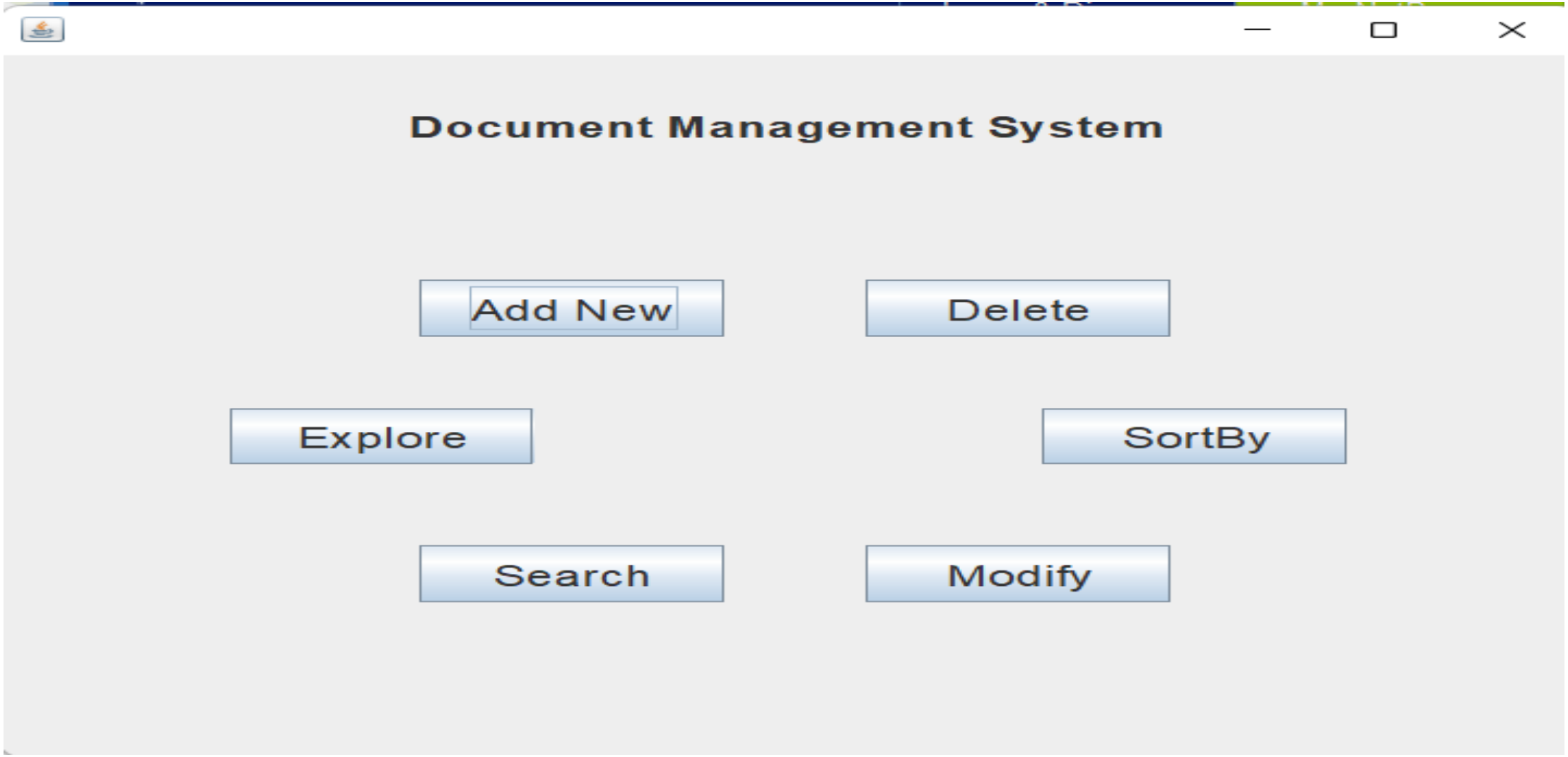
- Document
- Topic
- Category
- Tag

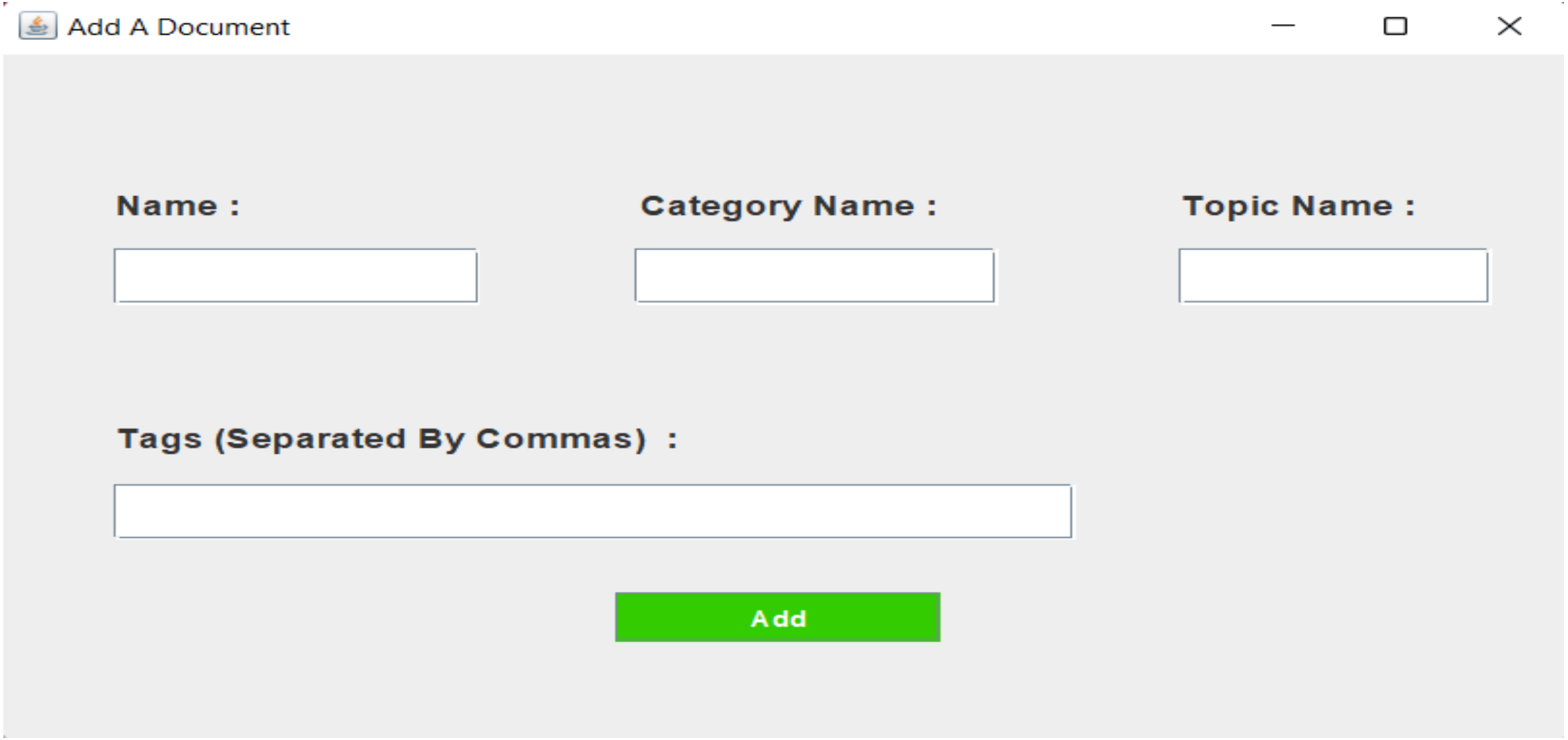
Retreive Document

- Responsible for retrieving a document by specifying it’s topic , category and tags

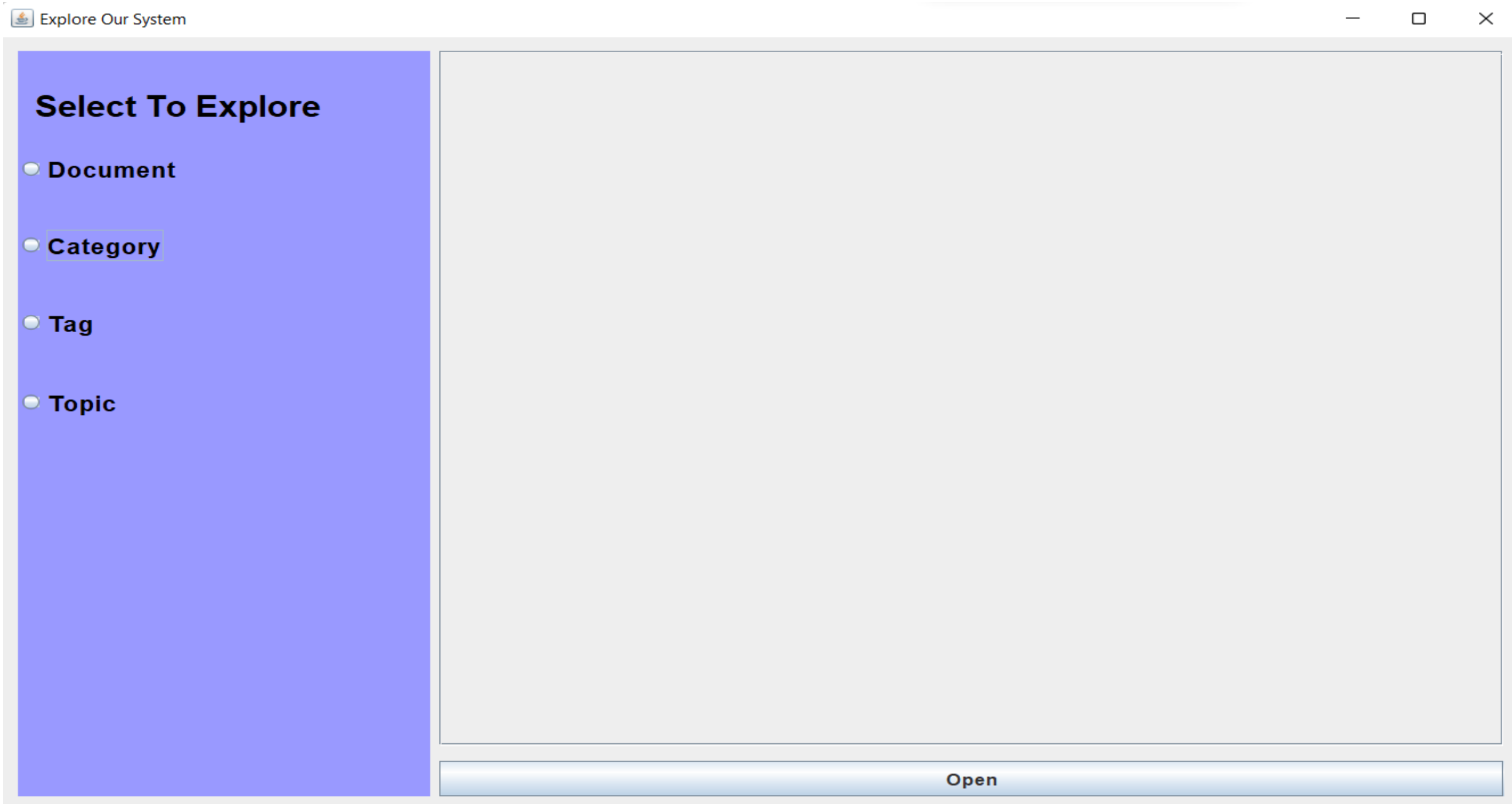
- Document
- Topic
- Category
- Tag

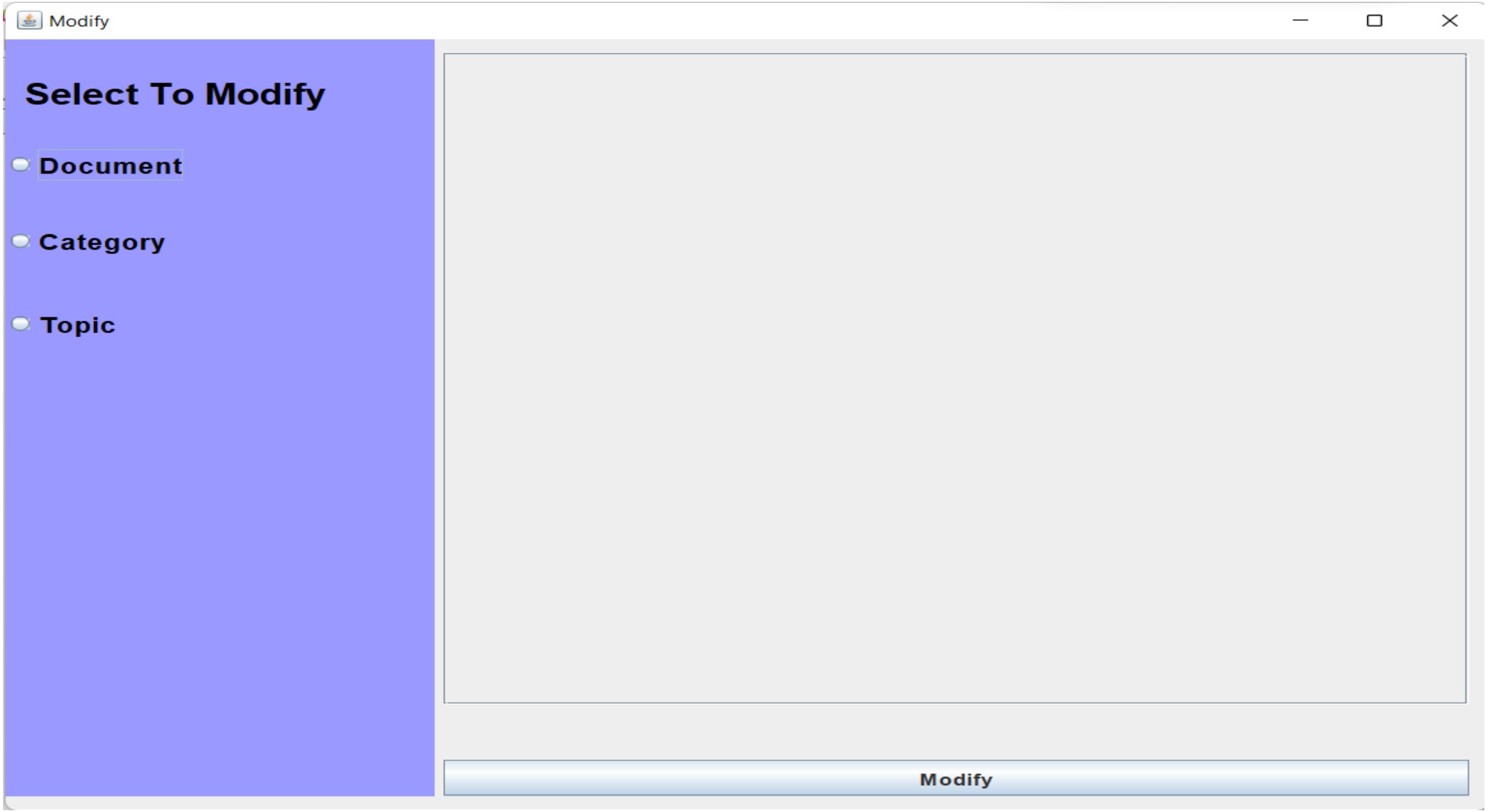
Main(UI)


Document Management System
Add New
Delete
Explore
SortBy
Search
Modify


Add A Document
Name :
Category Name :
Topic Name :
Tags (Separated By Commas) :
Add

Delete A Document
Select Item to Delete
Document
Category
Topic
Delete


Explore Our System
Select To Explore
Document
Category
Tag
Topic
Open


Modify
Select To Modify
Document
Category
Topic
Modify

Search
Search By :
Name
Category
Topic
Tag
Search
Edit
Delete

Explore Our System

Sort By :

- Name
- Category
- Date Modified
- Topic

Name	Path
t1d1.txt	topics/topic1
t1d2.txt	topics/topic1
t1d3.txt	topics/topic1
same.txt	topics/topic1
t2d1.txt	topics/topic2
t2d2.txt	topics/topic2
t2d3.txt	topics/topic2
same.txt	topics/topic2
t3d1.txt	topics/topic3
t3d2.txt	topics/topic3
same.txt	topics/topic3
document.pdf	topics/None
document.pdf	topics/None
document.pdf	topics/None
hello	topics/none

Open