4)DELETE METHOD

Delete exiting File from Database: DELETE [http://localhost:8084/files/delete/{id}](http://localhost:8084/files/delete/%7bid%7d)

5)DOWNLOAD METHOD

DOWNLOAD FILE FROM S3 STORAGE: GET [http://localhost:8084/files/download/{id}](http://localhost:8084/files/download/%7bid%7d)

Response 200 ok

Json <https://imageswikiwickz.s3.amazonaws.com/42793211-07b0-477b-9621-87399caa5198_Untitled.png>

**1. Get All Files**

* **Request Type**: GET
* **Endpoint**: <http://localhost:8084/files/list>
* **Description**: Retrieve a list of all uploaded files.
* **Expected Response**:
  + **Status**: 200 OK
  + **Body (example)**:

json

[

{

"id": 2,

"fileName": "ss.png",

"fileUrl": <https://imageswikiwickz.s3.amazonaws.com/26f2e5d0-4586-47cb-8751-59b8aa7eb35e_ss.png> ,

"createdAt": "2024-09-09T09:48:16.175+00:00"

},

{

"id": 3,

"fileName": "Untitledggg.png",

"fileUrl": <https://imageswikiwickz.s3.amazonaws.com/8e8ac087-779f-4bad-b249-67587cd4d43b_Untitledggg.png> ,

"createdAt": "2024-09-09T10:09:41.912+00:00"

}

]

**2. Get File by ID**

* **Request Type**: GET
* **Endpoint**: [http://localhost:8084/files/{id}](http://localhost:8084/files/%7bid%7d)
* **Description**: Retrieve details of a specific file by ID.
* **Example ID**: 2
* **Expected Response**:
  + **Status**: 200 OK
  + **Body (example)**:

json

{

"id": 2,

"fileName": "ss.png",

"fileUrl": <https://imageswikiwickz.s3.amazonaws.com/26f2e5d0-4586-47cb-8751-59b8aa7eb35e_ss.png> ,

"createdAt": "2024-09-09T09:48:16.175+00:00"

}

**3. Insert File into Database**

* **Request Type**: POST
* **Endpoint**: <http://localhost:8084/files/upload>
* **Description**: Upload a new file to S3 and save its metadata in the database.
* **Request Body** (form-data):
  + **Key**: file
  + **Type**: file
  + **Value**: {choose a file} (e.g., ss.png)
* **Expected Response**:
  + **Status**: 200 OK
  + **Body (example)**:

json

{

"id": 15,

"fileName": "ss.png",

"fileUrl": <https://imageswikiwickz.s3.amazonaws.com/9bdb3ba9-c4a9-46c1-b28d-cf5ad45b49e7_ss.png> ,

"createdAt": "2024-09-12T11:09:00.464+00:00"

}

**4. Update Existing File**

* **Request Type**: PUT
* **Endpoint**: [http://localhost:8084/files/update/{id}](http://localhost:8084/files/update/%7bid%7d)
* **Description**: Update the file stored in S3 and update its metadata in the database.
* **Request Body** (form-data):
  + **Key**: file
  + **Type**: file
  + **Value**: {choose a file} (e.g., Untitled.png)
* **Expected Response**:
  + **Status**: 200 OK
  + **Body (example)**:

json

Copy code

{

"id": 15,

"fileName": "Untitled.png",

"fileUrl": <https://imageswikiwickz.s3.amazonaws.com/42793211-07b0-477b-9621-87399caa5198_Untitled.png> ,

"createdAt": "2024-09-12T11:09:00.464+00:00"

}

**5. Delete Existing File**

* **Request Type**: DELETE
* **Endpoint**: [http://localhost:8084/files/delete/{id}](http://localhost:8084/files/delete/%7bid%7d)
* **Description**: Delete a file from S3 and remove its metadata from the database.
* **Example ID**: 15
* **Expected Response**:
  + **Status**: 204 No Content
  + **No response body**

**6. Download File from S3**

* **Request Type**: GET
* **Endpoint**: [http://localhost:8084/files/download/{id}](http://localhost:8084/files/download/%7bid%7d)
* **Description**: Download the file from S3 storage.
* **Example ID**: 15
* **Expected Response**:
  + **Status**: 200 OK
  + **Body (example)**:

json

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{

"url": <https://imageswikiwickz.s3.amazonaws.com/42793211-07b0-477b-9621-87399caa5198_Untitled.png>

}

**Negative Test Cases**

**7. Get File by Invalid ID**

* **Request Type:** GET
* **Endpoint:** http://localhost:8084/files/{id}
* **Test Case:**
  + **Description:** Attempt to retrieve details of a file with an invalid or non-existent ID.
  + **Example ID:** invalid-id
  + **Expected Response:**
    - **Status:** 404 Not Found
    - **Response Body (example):**

Json

File not found with id: 99

**8. Delete File with Invalid ID**

* **Request Type:** DELETE
* **Endpoint:** http://localhost:8084/files/delete/{id}
* **Test Case:**
  + **Description:** Attempt to delete a file with an invalid or non-existent ID.
  + **Example ID:** invalid-id
  + **Expected Response:**
    - **Status:** 500Internal Server Error
    - **Response Body (example):**

json

No static resource delete/99.