**Documentation for the dataset for the API endpoints.**

The API has several endpoints listed below

1. signup
2. login
3. upload
4. update
5. delete
6. view
7. download
8. share
9. sharedList
10. revoke

the complete working explanation is available on separate document “working of the server “.

1. **signup**

Interaction method: **json**

Required parameters for the endpoint.

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| Email | String | Email id of the user |
| Name | String | Name of the person |
| Password | String | Password as plain text |

1. **login**

interaction method: **json**

required parameters for the endpoint.

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| Email | String | Email id of the user |
| Password | String | Password of the user |

1. **upload**

interaction method: **json**

required parameters for the endpoint.

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| email | String | Email id of the user |
| id | String | This is a autogenerated id, it should exist in the users table after the successful creation of the user account. |
| file | Base64 String | This is the abse64 format of the file. |
| fileData | Json | \*Not required anymore. It is a json data provided react file module. React cant build everything so. |
| provider | String | Strictly uppercased ‘AWS’ or ‘AZURE’ |
| type | String | It is something like ‘text/plain’. |
| fileName | String | The actual name of the file being uploaded |

1. **update**

interaction method: **json**

required parameters for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| file | Base64 string | The file to be replaced over the existing file. |
| type | String | It something like ‘text/plain’. |
| email | String | The email ID of the person who is updating the document. |
| provider | String | Strictly uppercased ‘AWS’ or ‘AZURE’ |
| storedFileName | String | This is the stored file name (\* different from actual file name refer the blob storage or file database) |
| accessType | String | Strictly lowercased ‘owner’ or ‘share’ depends on who accesses the file |
| timestamp | String | Required only if the accessType is set to ‘share’. Timestamp of the users present timestamp to validate the access permission set by the owner. |

1. **delete**

interaction method: **json**

required parameters for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| fileName | String | The stored file name as in the S3/blob storage. Refer file database. |
| provider | String | Strictly uppercased ‘AWS’ or ‘AZURE’. |

1. **View**

Interaction method: **json**

Required parameters for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| id | String | The automatically generated user ID, it should be available on the users database. |

1. **Download**

Interaction method: **json**

Required parameters for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| fileName | String | The stored name of the file as stored in the storage system. |
| provider | String | Strictly uppercased ‘AWS’ or ‘AZURE’. |
| accessType | String | Strictly lowercased ‘owner’ or ‘share’ depends on who is accessing the file. |
| Timestamp | String | Required only if the accessType is set to ‘share’. Timestamp of the users present timestamp to validate the access permission set by the owner. |

1. **Share**

Interaction method: **json**

Required parameters for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| shareFrom | String | Email id of the person who is sharing the file |
| shareTo | String | Email id of the person who is receiving the access to the file |
| provider | String | ‘AWS’ or ‘AZURE’ |
| actualFileName | String | The actual name of the file. |
| storedFileName | String | The autogenerated unique name by which the file is stored in the S3/Blob storage. It can be found on the files database. |
| sharedTillDate | String | The date till which the access is valid. Format ‘yyyy-mm-dd’. |
| sharedTillTime | String | The time till which the access is valid. Format ‘hh-mm’. |
| timezone | String | The current time zone of the user. eg:- “GMT+0530” |

1. **shareList**

interaction method: **json**

required parameters for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| id | String | The email ID of the user |
| filterExpression | String | Either ‘sharedFrom’ or ‘sharedTo’ |

1. **revoke**

interaction method: **json**

required paraments for the endpoint

|  |  |  |
| --- | --- | --- |
| **Name** | **Datatype** | **Description** |
| id | String | Id of the shared entry on the database. |