1. Service Data
2. Retrieve all the data

This petition Will collect all the data saved into the DB and will return the information in response to the GET request.

Method: GET

URL: http://localhost:5000/api/v1/data/

Expected Result: [

    {

        "\_id": "641dbeefa2eb8cdee9214aec",

        "address": "47, 51  Barrie",

        "dateCollected": "3/24/2023",

        "municipality": "barrie",

        "HousingType": "",

        "unitSize": "1",

        "qtyBathrooms": "1",

        "secondarySuite": "Unclear",

        "typeSecondarySuite": "Unclear",

        "monthCollected": "march",

        "utilitiesIncluded": "not",

        "possibleDuplicate": "unclear",

        "totalCost": 1350,

        "postCode": "L4M 1J7",

        "landlordType": "unclear",

        "stability": "unclear",

        "source": "https://www.listanza.com",

        "createdAt": "2023-03-24T15:17:03.471Z",

        "updatedAt": "2023-03-24T15:17:03.471Z",

        "\_\_v": 0

    }

…

]

1. Retrieve data by filters

A route and controller to receive a GET request together with some search parameters that allow the identification of all the records that meet said filter and return a collection of these as a response to the request

Method: GET

URL: http://localhost:5000/api/v1/data/

Expected Result:{

        "\_id": "641dbeefa2eb8cdee9214adc",

        "address": "19 Dunlop St W #102 Barrie",

        "dateCollected": "3/24/2023",

        "municipality": "barrie",

        "HousingType": "unlear",

        "unitSize": "1",

        "secondarySuite": "unclear",

        "typeSecondarySuite": "unclear",

        "monthCollected": "march",

        "utilitiesIncluded": "part",

        "possibleDuplicate": "unclear",

        "totalCost": 1350,

        "postCode": "unclear",

        "landlordType": "unclear",

        "stability": "unclear",

        "source": "https://www.agsecure.ca",

        "createdAt": "2023-03-24T15:17:03.470Z",

        "updatedAt": "2023-03-24T15:17:03.470Z",

        "\_\_v": 0

    }…

]

Options:

* address
* dateCollected
* municipality
* HousingType
* monthCollected
* unitSize
* qtyBathrooms
* secondarySuite
* typeSecondarySuite
* utilitiesIncluded
* totalCost
* landlordType
* stability
* possibleDuplicate
* postCode
* source
* max
* min

Example: http://localhost:5000/api/v1/data/?max=1000&unitSize=2

1. Delete a record

A route and controller to receive a DELETE request to delete data from the database and respond with a status code that allows the result of the request to be confirmed.

Method: Delete  
URL: http://localhost:5000/api/v1/data/?\_id={id}

Expected Result:

If it is ok

{

    "acknowledged": **true**,

    "deletedCount": 1

}

If it is an error

{

    "acknowledged": **true**,

    "deletedCount": 0

}

1. Service runapp

A route and controller to receive a POST request to save new data to the database. This service will extract the information from the different websites and save it in the database under a specific format. Also, it will validate if any record already exists in the DB, to avoid duplicated records.

Method: POST

URL: http://localhost:5000/api/v1/runapp

1. Service runappfile

A route and controller to receive a POST request and a body with the information extracted from a file uploaded. This service will extract the information from the xls file and save it in the database under a specific format.

Method: POST

URL: http://localhost:5000/api/v1/runapp