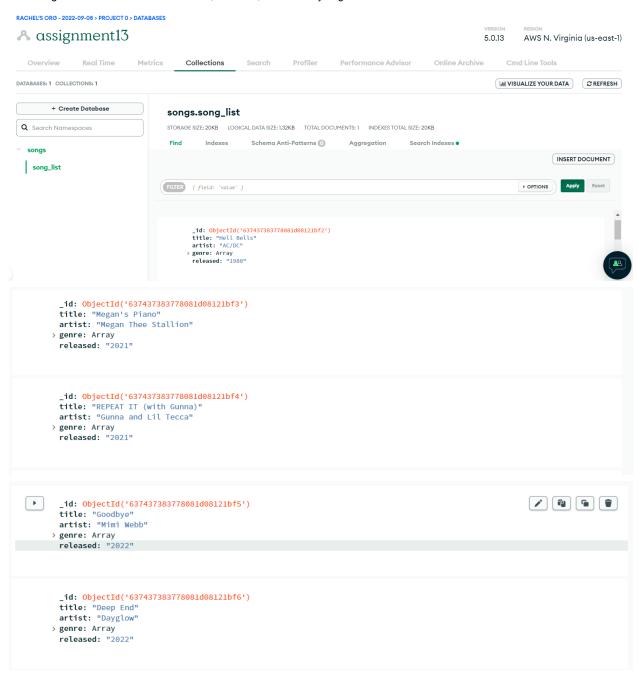
Rachel Bonanno CS 20 Web Programming Assignment 13: NoSQL Practice

Part 1:

- Create a MongoDB database called songs
- Create a collection in the database called song_list
- Add at least 12 songs to song_list.
- Each song in the list should include the title, the artist, and an array of genres



```
_id: ObjectId('637437383778081d08121bf7')
        title: "Her"
        artist: "Megan Thee Stallion"
       > genre: Array
        released: "2022"
        _id: ObjectId('637437383778081d08121bf8')
title: "we'll make this ok (with Travis Backer)"
artist: "Renforshort, Travis Backer"
      > genre: Array
released: "2022"
         _id: ObjectId('637437383778081d08121bf9')
        title: "VINCENT VAN GOGH"
        artist: "Neville"
       > genre: Array
        released: "2022"
         _id: ObjectId('637437383778081d08121bfa')
        title: "Marble"
artist: "SHOCKZ, Rebecca Helena, Neptunica"
       > genre: Array
        released: "2021"
        _id: ObjectId('637437383778081d08121bfb')
        title: "Adelaide"
artist: "Johnny Orlando"
      > genre: Array
        released: "2020"
                                                                                                                             _id: ObjectId('637437383778081d08121bfc')
        title: "SUVs (Black on Black)"
        artist: "Jack Harlow, Pooh Shiesty"
      > genre: Array
        released: "2021"
        _id: ObjectId('637437383778081d08121bfd')
        title: "Girls"
artist: "Justus Bennetts"
      > genre: Array
released: "2022"
```

Display the collection in Atlas and take a screenshot (which will be part of your deliverables).

Part 2:

Show the MongoDB Shell commands to:

• Select the database

Show all data from all songs

0

```
artist: 'Megan Thee Stallion',
genre: ['Hip-Hop', 'Rap'],
released: '2022'
},

[_id: ObjectId("637437383778081d08121bf8"),
title: "we'll make this ok (with Travis Backer)",
artist: 'Renforshort, Travis Backer',
genre: ['Alternative', 'Indie, Pop'],
released: '2022'
},

[_id: ObjectId("637437383778081d08121bf9"),
title: 'VINCENT VAN GOGH',
artist: 'Neville',
genre: ['Pop'],
released: '2022'
},

[_id: ObjectId("637437383778081d08121bfa"),
title: 'Marble',
artist: 'SHOCKZ, Rebecca Helena, Neptunica',
genre: ['Dance', 'Electronic'],
released: '2021'
},

[_id: ObjectId("637437383778081d08121bfb"),
title: 'Adelaide',
artist: 'Johnny Orlando',
genre: ['Pop'],
released: '2020'
},

[_id: ObjectId("637437383778081d08121bfc"),
title: 'SUVS (Black on Black)',
artist: 'Jack Harlow, Pooh Shiesty',
genre: ['Hip-Hop', 'Rap'],
released: '2021'
},
```

```
_id: ObjectId("637437383778081d08121bfb"),
    title: 'Adelaide',
    artist: 'Johnny Orlando',
    genre: [ 'Pop' ],
    released: '2020'

},

_id: ObjectId("637437383778081d08121bfc"),
    title: 'SUVs (Black on Black)',
    artist: 'Jack Harlow, Pooh Shiesty',
    genre: [ 'Hip-Hop', 'Rap' ],
    released: '2021'

},

_id: ObjectId("637437383778081d08121bfd"),
    title: 'Girls',
    artist: 'Justus Bennetts',
    genre: [ 'Alternative/Indie', 'Pop' ],
    released: '2022'

}
```

Show all song titles from a particular genre

Questions

- 1. Identify the tools used to work with
 - a. an SQL database
 - i. Siteground DataBase Software and JQuery to access the data
 - a NoSQL database.
 - MondoDB and MondoDB Shell with command line operations
- 2. Which database do you prefer working with so far- SQL or NoSQL? Explain your answer.
 - a. Originally I was going to sql bruce I find it more reable since I worked with it before but once I got a grasp on NoSQL and using MondoDB it was really easy. The documentation for MondoDB was just a bit rough but I am leaning tward preferring NoSQL now.