# Database Essentials Home Assignment Documentation:

## Task 2:

Git URL:

<https://github.com/Null-Nil-None/database_essentials>

Hosted public URL:

<https://database-essentials.onrender.com>

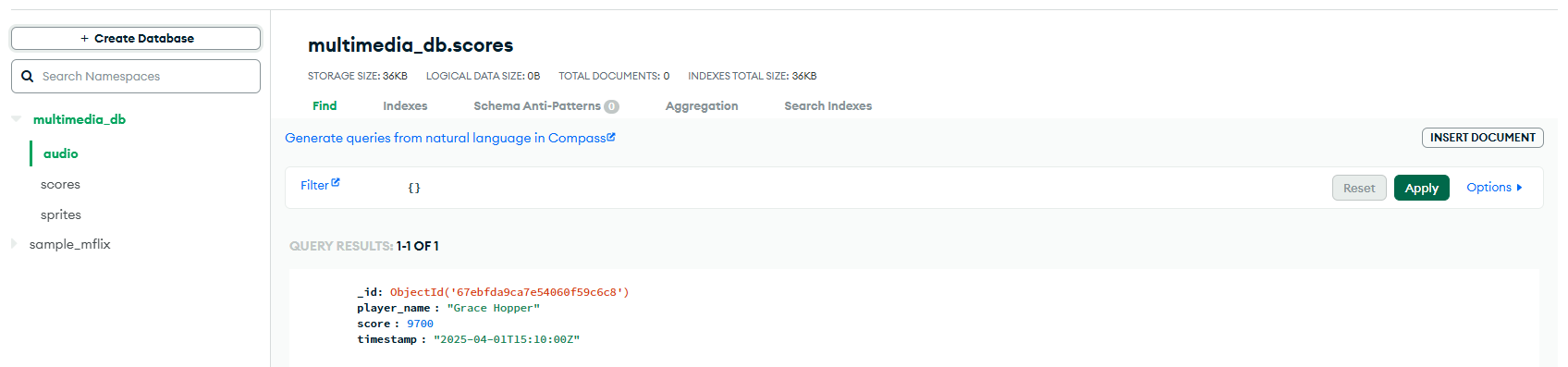
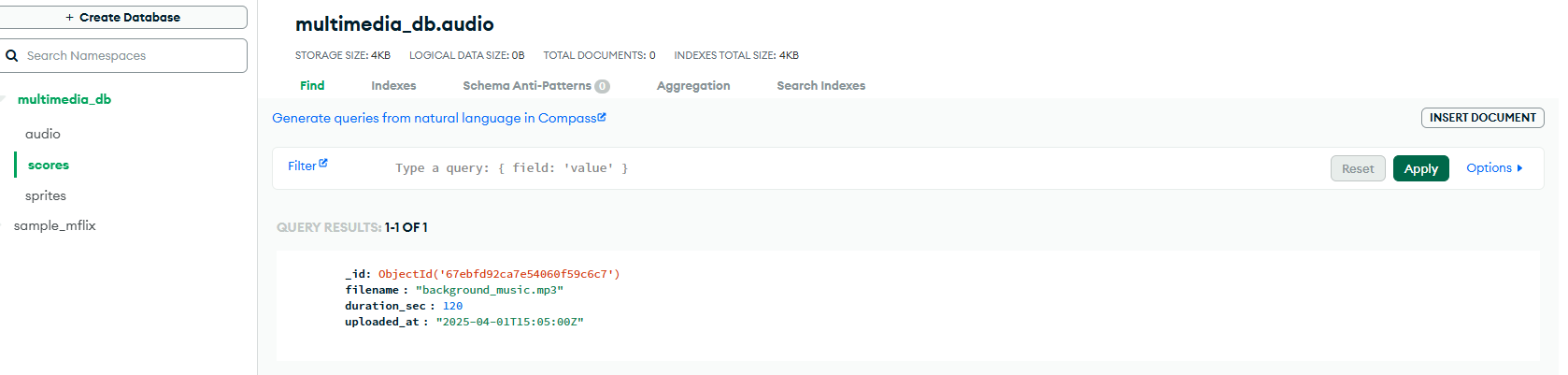
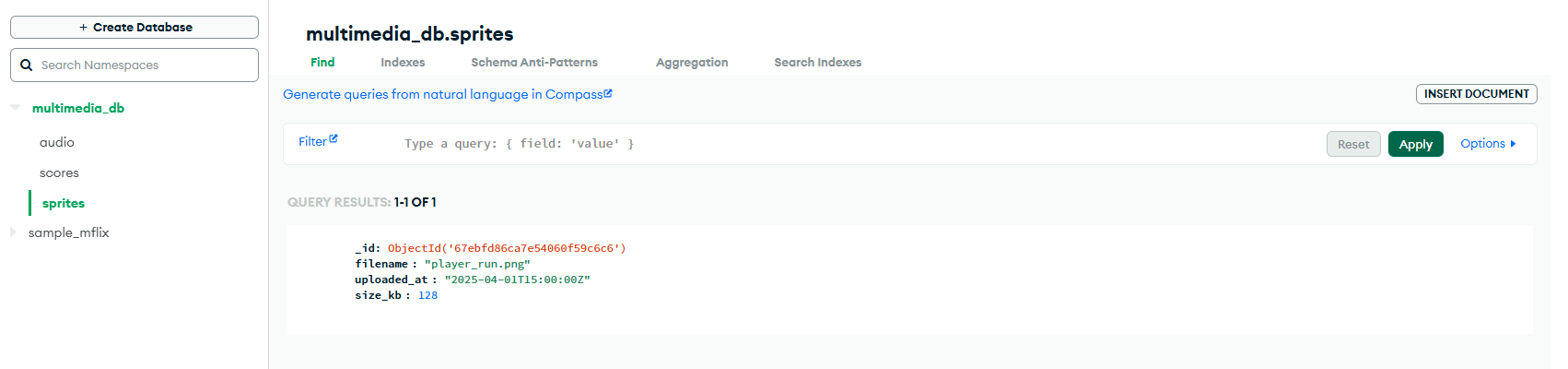


Figure 2: The scores collection within `multimedia\_db` database

Figure 3: The sprites collection within `multimedia\_db` database

Figure : The audio collection within `multimedia\_db` database

## Task 3: Development of the Web API (20 marks):

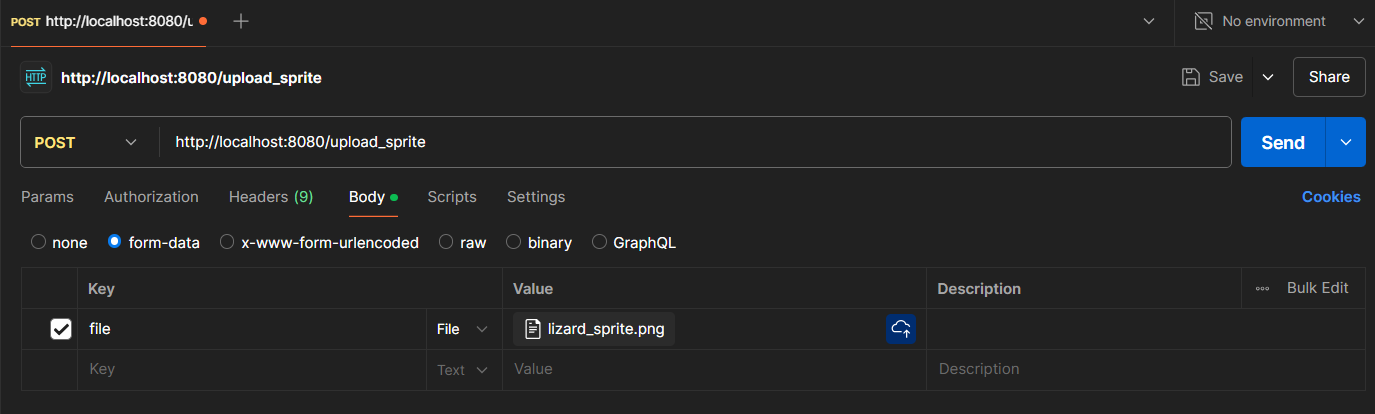
1. ***Develop API endpoints (7 marks)****: Develop the endpoints that facilitate the uploading and retrieval of sprites, audio files and player scores. See appendix B.*
2. ***Host the API (5 marks)****: Ensure that the API is fully functional by testing it using Postman and publicly accessible online via the browser. See appendices E and F.*
3. ***Documentation (8 marks)****: Provide detailed code documentation, including explanations of how each endpoint operates and interacts with the database.*

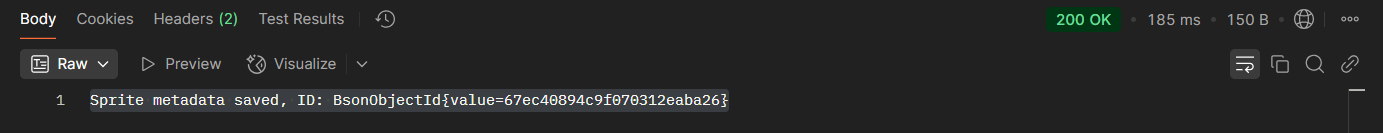
### Testing:

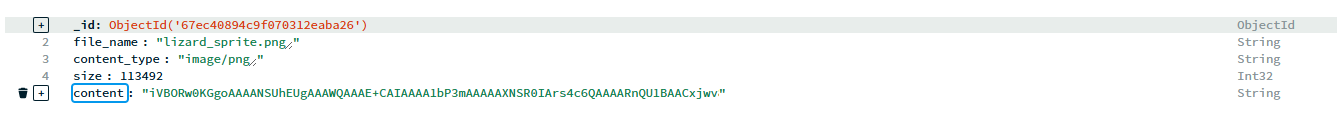
This part presents evidence of the tests being conducted.

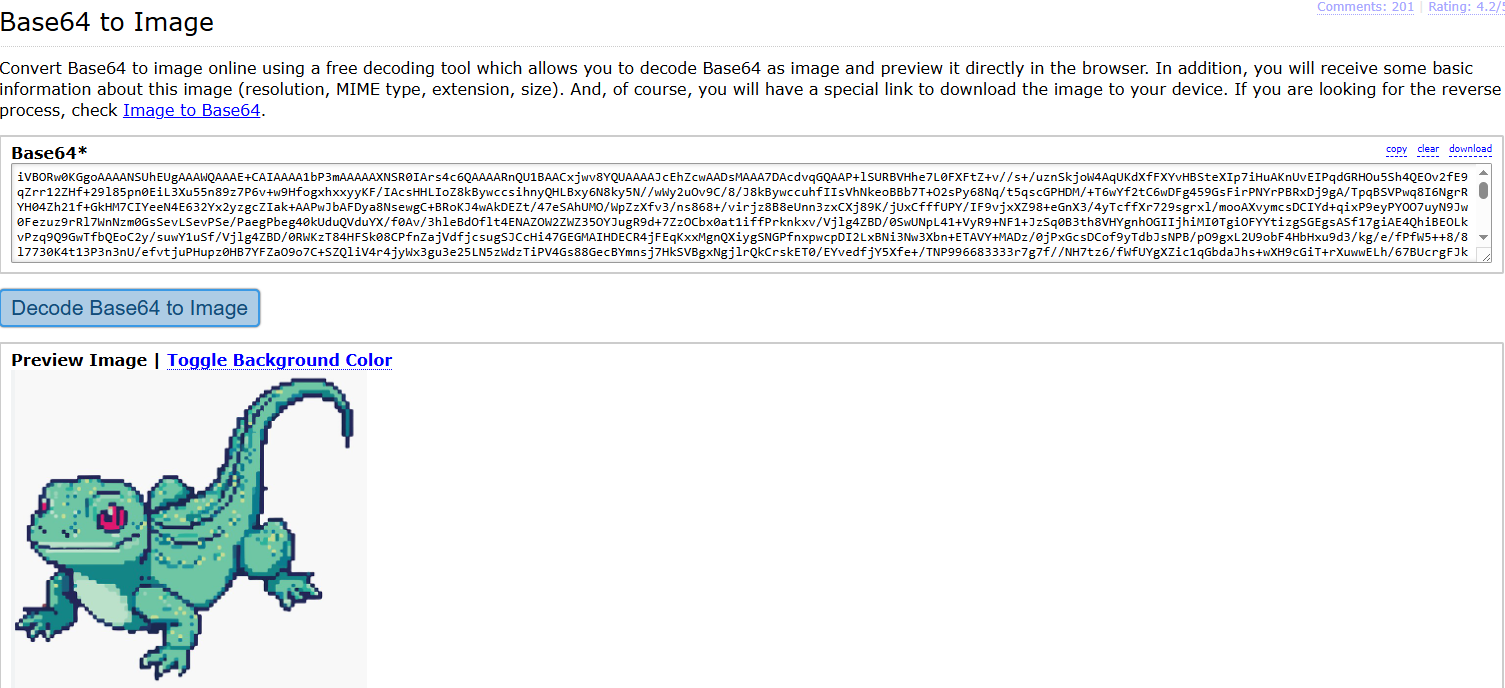
### Uploading and Retrieving a Sprite:

#### Uploading:



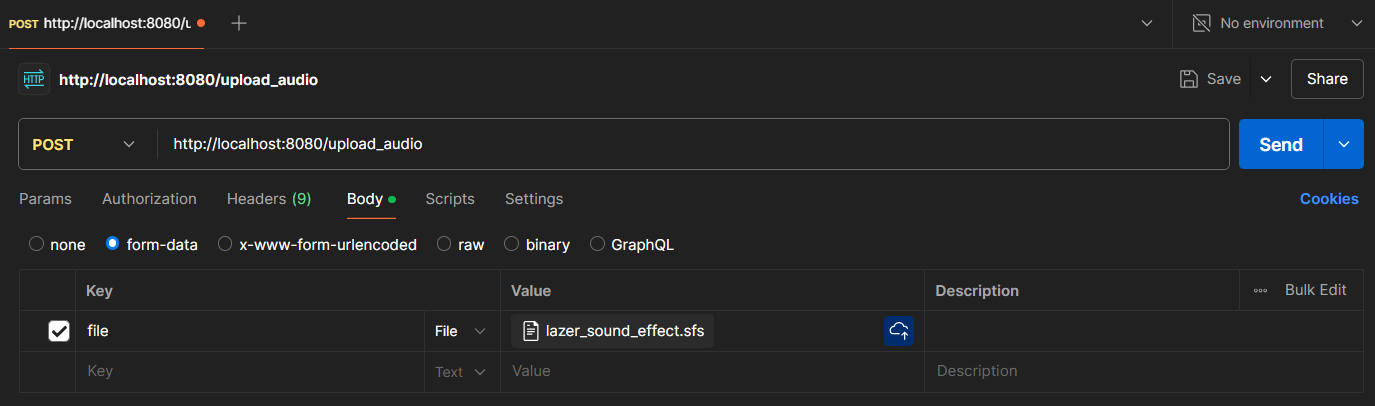


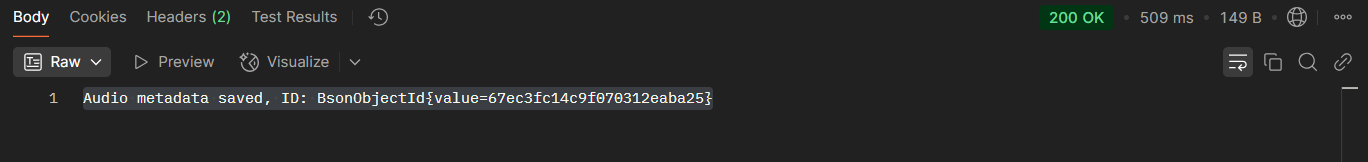


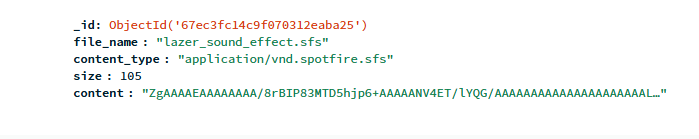


#### Retrieving:

### Uploading an Audio file:







## Whitelisting Render’s IP on MongoDB: