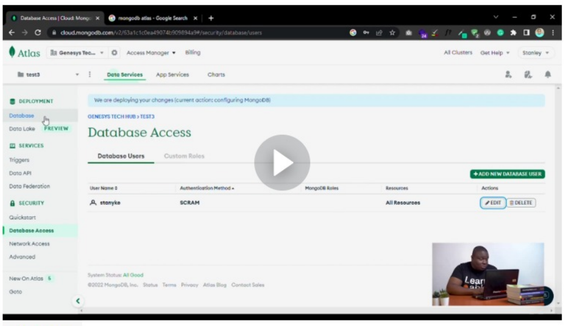
Setting up a Node Server

This class will cover the basics of setting up a node server, handling requests and the basic way of serving contents from a server while following best practices, conventions, and patterns.



Download

Task & Assignment

In an ongoing hotel management project, the backend developer, having looked at the Figma design, is tasked to chunk out some APIS in vanilla javascript using NodeJs and ExpressJs for the frontend to consume;

- CreateDB collection for storage of room types and rooms, respectively
- Create a POST endpoint/API for storage of roomtype in the following format

{

"_id": ObjectId,

"name": string

}
POST - {{baseUrl}}/api/v1/rooms-types

- Create a GET endpoint for fetching of all room types
  GET - {{baseUrl}}/api/v1/rooms-types
- Create a POST endpoint for storage of rooms in the following format

{
"_id": ObjectId,
"name": string,

"roomType": ObjectId,

"price": number
}
POST - {{baseUrl}}/api/v1/rooms

- Create a GET endpoint for fetching all the rooms (add filters in the following formats)
  GET - {{baseUrl}}/api/v1/rooms?search={searchRoomNameMatch}&roomType={searchRoomTypeNameMatch}&minPrice={searchRoomMinimumPriceMatch}&maxPrice={searchRoomMaximumPriceMatch}

  Available queries are the search, roomType, minPrice& maxPrice, which are meant to be optional queries on the db unless when the user passes them on the endpoint. Note that when only maxPrice is passed, consider the minPrice 0
- Create a PATCH endpoint for editing a room using its id
  PATCH - {{baseUrl}}/api/v1/rooms/{roomId}
- Create a DELETE endpoint or deleting a room using its id
  DELETE - {{baseUrl}}/api/v1/rooms/{roomId}
- Create a GET endpoint for fetching a room using its id
  GET - {{baseUrl}}/api/v1/rooms/{roomId}

Complete and Continue

Discussion

Post a comment

Michael Orji

Leave a comment...

Post Comment

4 comments

Nancy Okeke 4 days ago
I finally understood CRUD operations, phew!

Victor Joshua 8 hours ago
😎😎 nah lie

Nwobi Prince 4 days ago
😀
Normal

Chukwuanugo Eke 3 days ago
omo