

Assignment

You are required to create an application using NodeJS and preferred tools that work locally or hosted in the cloud.

Introduction

MintableLite is an API service where users can mint, list and sell their NFTs. Every NFT has name, description, image / animation attributes. Users must be authenticated to mint, sell or buy an item. The app should have three endpoints to list all minted items, mint an item and get details of an item.

Prerequisite

1. You can use any mock / JWT authentication service to protect mint endpoint
2. You can use any schemaless database to store NFTs details

Your Task

1. You are required to create an application with TypeScript
2. HTTP Endpoints should be accessible and well documented (OpenAPI spec)
3. Auth implementation is required (Use any simple auth implementation)
4. You are required to give us steps on how to run your web application
5. You may use any libraries to assist your development

Expectation

We expect that your code is clean, readable and the purpose of this test is to see how you store and retrieve data from the database and organise requests and responses. We would also like to see a simple architecture diagram showing the various components.

Bonus (optional)

It would be awesome, if you use web3 and deploy in AWS serverless infrastructure.

Submission

Please do note that the best implementation methods / approaches you choose to use for completing the assignment is up to your discretion. Kindly get back to us with your completed assignment by **27 July 2023**.

1. Use GitHub to upload your code.
2. Share public GitHub repository URL in the reply email.