

Terralogic Internship Assignment

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Requirement:

1. Create a schema and Java Spring boot microservice.
2. Create a POST API to add nodes, ensuring that null values are validated and special characters ("!@#\$\$%^&*()") are not allowed.
3. Create a GET API to fetch a list of nodes.

Output Screenshots:

1. Get API that fetch a list of nodes:

The screenshot shows a Postman interface with a GET request to `localhost:8080/nodes` sent successfully. The response is a JSON array of two node objects.

Request: GET `localhost:8080/nodes`

Response Status: 200 OK, Time: 38 ms, Size: 601 B

Response Body (JSON):

```
{
  "nodeName": "NODE_ID",
  "description": "Sample Text",
  "menu": "Sample Text",
  "nodeType": "Transponder",
  "parentNodeGroupName": "Product Node Group Name",
  "parentNodeGroupId": "200",
  "parentNode": "300"
},
{
  "nodeId": "T300_121",
  "nodeName": "Node1",
  "description": "Sample Text",
  "menu": "Sample Text Tester",
  "nodeType": "Transponder",
  "parentNodeGroupName": "Product Node Group Name",
```

2. POST API that will insert data into the database:

POST http://localhost:8080/

GET localhost:8080/nodes

+

No environment

http://localhost:8080/putNode

Save

</>

POST

http://localhost:8080/putNode

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Beautiful

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

```
1 {
2   ...."nodeId": "T300_128",
3   ...."nodeName": "Node1",
4   ...."description": "Sample Text",
5   ...."menu": "Sample Text Tester",
6   ...."nodeType": "Transponder",
7   ...."parentNodeGroupName": "Product Node Group Name",
8   ...."parentNodeGroupId": "Sample Text",
9   ...."parentNode": "Sample Text"
```

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 429 ms

Size: 394 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```
1 {
2   "nodeId": "T300_128",
3   "nodeName": "Node1",
4   "description": "Sample Text",
5   "menu": "Sample Text Tester",
6   "nodeType": "Transponder",
7   "parentNodeGroupName": "Product Node Group Name",
8   "parentNodeGroupId": "Sample Text",
9   "parentNode": "Sample Text"
10 }
```

Postbot

Runner

Start Proxy

Cookies

Vault

Trash