

Notes API Documentation

Installation

- Clone the repository:

```
git clone https://github.com/AbhishekChorotiya/skillstreet.git
cd skillstreet
```

- Install dependencies:

```
npm install
```

Usage

- Start the API server:

```
npm start
```

- The API will be available at `http://localhost:3000` by default.

Base URL

```
http://localhost:3000/
```

Testing

In root directory

```
npm test
```

- It tests the App on different testcases.
- Framework used - **Jest**

API Endpoints

1. Create a New Note

- **Endpoint:**

```
POST /notes
```

- **Request:**

- Method: POST
- URL: `/notes`
- Headers:
 - Authorization: Basic Auth (Username: **admin**, Password: **admin**)
- Body:

```
{
  "title": "string",
  "content": "string"
}
```

- **Response:**

- Status Code: 201 Created
- Body:

```
{
  "_id": "string",
  "title": "string",
  "content": "string"
}
```

2. Retrieve All Notes

- **Endpoint:**

```
GET /notes
```

- **Request:**

- Method: GET
- URL: /notes
- Headers:
 - Authorization: Basic Auth (Username: **admin**, Password: **admin**)

- **Response:**

- Status Code: 200 OK
- Body:

```
[
  {
    "_id": "string",
    "title": "string",
    "content": "string"
  },
  // ... (more notes)
]
```

3. Retrieve Single Note by ID

- **Endpoint:**

```
GET /notes/:id
```

- **Request:**

- Method: GET
- URL: /notes/:id
- Headers:
 - Authorization: Basic Auth (Username: **admin**, Password: **admin**)

- **Response:**

- Status Code: 200 OK
- Body:

```
{
  "_id": "string",
  "title": "string",
  "content": "string"
}
```

4. Update Note by ID

- **Endpoint:**

```
PUT /notes/:id
```

- **Request:**

- Method: PUT
- URL: /notes/:id
- Headers:
 - Authorization: Basic Auth (Username: **admin**, Password: **admin**)
- Body:

```
{
  "title": "string",
  "content": "string"
}
```

- **Response:**

- Status Code: 200 OK
- Body:

```
{
  "_id": "string",
  "title": "string",
  "content": "string"
}
```

5. Delete Note by ID

- **Endpoint:**

```
DELETE /notes/:id
```

- **Request:**

- Method: DELETE
- URL: /notes/:id
- Headers:
 - Authorization: Basic Auth (Username: **admin**, Password: **admin**)

- **Response:**

- Status Code: 200 OK
- Body:

```
{
  "message": "Note deleted successfully"
}
```

6. Error Responses

- **Unauthorized Access (401):**

- Status Code: 401 Unauthorized
- Body:

```
{
  "error": "Unauthorized Access"
}
```

- **Not Found (404):**

- Status Code: 404 Not Found
- Body:

```
{
  "error": "Not Found"
}
```

- **Internal Server Error (500):**

- Status Code: 500 Internal Server Error
- Body:

```
{
  "error": "Internal Server Error"
}
```

Contact

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