



# NodeJS Complete REST API

April 20, 2020

API Guide

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# API DETAILS

This document will give a general overview and usability of the APIs. The design of the apis are completely followed the REST API core concept to keep clean and secure. Project structure and representations of the endpoints are exposed minimal way to make easier for implement in client side.

The source code is self explanatory which is precisely organized to extend more functionality for future versions.

Components:

BASE URL: <http://localhost:8080>

Dependency: <https://cloud.mongodb.com/v2>

## EndPoints and Request and response:

### user/signup

Note: Create a new user with the required Parameters.

**request:**

**type:** PUT

```
{ "name": "Jayanta", "email": "test@test.com", "password": "1234567" }
```

**response:**

```
{  
  "message": "User Created!",  
  "userId": "5e9da059fb5133274d277aa1"  
}
```

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## NODEJS\_COMPLETE\_REST\_API

### user/login

Note: Login returning user with email and password.

**request:**

**type:** POST

```
{"email": "test@test.com", "password": "1234567"}
```

**response:**

```
{  
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJlbnVZGVyZ29nb2lAZ21haWwuY29tIiwidXNlcklkIjoibWU5ZDYxY2MwMzdjN2MxMDE5M2Q0NzcxIiwiaWF0IjoxNTg3Mzg4NjQ5LCJleHAiOiE1ODc0MTAyNDI9.mo5JnJ3cJEnNPPRv7kLy0P0vHodSbkhvEltw3nGxoc8",  
  "userId": "5e9d61cc037c7c10193d4771"  
}
```

### feed/post?page=1

Note: Get available post page number is optional for first call and second call onwards we can send page number

**request:**

**type:** GET

**ContentType:** JSON

**Authorization:** 'Bearer Token send here'

```
{"email": "test@test.com", "password": "1234567"}
```

**response:**

```
{  
  "message": "Post fetched",  
  "posts": [  

```

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```
{
  "_id": "5e9d61e7037c7c10193d4773",
  "title": "File testing with post for authorization",
  "content": "File testing with post for authorization",
  "imageUrl": "images/2020-04-20T08:48:39.988Z-Cover+--Happymeals.jpg",
  "creator": "5e9d61cc037c7c10193d4771",
  "createdAt": "2020-04-20T08:48:39.993Z",
  "updatedAt": "2020-04-20T08:48:39.993Z",
  "__v": 0
},
{
  "_id": "5e9d61e9037c7c10193d4774",
  "title": "File testing with post for authorization",
  "content": "File testing with post for authorization",
  "imageUrl": "images/2020-04-20T08:48:41.575Z-Cover+--Happymeals.jpg",
  "creator": "5e9d61cc037c7c10193d4771",
  "createdAt": "2020-04-20T08:48:41.589Z",
  "updatedAt": "2020-04-20T08:48:41.589Z",
  "__v": 0
}
],
"totalItems": 2
}
```

## feed/post

Note: Create new post with required parameters

**request:**

**type:** POST

**ContentType:** MultipartFormData

**Authorization:** 'Bearer Token send here'

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title: String, content: string, image: file

**response:**

```
{
  "message": "Post Created Successfully",
  "post": {
    "_id": "5e9da325fb5133274d277aa2",
    "title": "new Post here",
    "content": "new Post here",
    "imageUrl": "images/2020-04-20T13:27:01.942Z-burger.jpg",
    "creator": "5e9d61cc037c7c10193d4771",
    "createdAt": "2020-04-20T13:27:01.948Z",
    "updatedAt": "2020-04-20T13:27:01.948Z",
    "__v": 0
  },
  "creator": {
    "_id": "5e9d61cc037c7c10193d4771",
    "name": "Jayanta"
  }
}
```

**feed/post/[POST\_ID]**

Note: Edit Post by post ID

**request:**

**type:** PUT

**ContentType:** MultipartFormData

**Authorization:** 'Bearer Token send here'

title: String, content: string, image: file

**response:**

---

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```
{
  "message": "Post Updated",
  "post": {
    "_id": "5e9da325fb5133274d277aa2",
    "title": "File testing with post!!",
    "content": "File testing with post!!",
    "imageUrl": "images/2020-04-19T06:41:47.085Z-IMG_3615.JPG",
    "creator": "5e9d61cc037c7c10193d4771",
    "createdAt": "2020-04-20T08:48:39.993Z",
    "updatedAt": "2020-04-20T13:28:45.052Z",
    "__v": 0
  }
}
```

### feed/post/[POST\_ID]

Note: View Specific Post details

**request:**

**type:** GET

**Authorization:** 'Bearer Token send here'

**response:**

```
{
  "message": "Post Updated",
  "post": {
    "_id": "5e9da325fb5133274d277aa2",
    "title": "File testing with post!!",
    "content": "File testing with post!!",
    "imageUrl": "images/2020-04-19T06:41:47.085Z-IMG_3615.JPG",
```

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```
    "creator": "5e9d61cc037c7c10193d4771",
    "createdAt": "2020-04-20T08:48:39.993Z",
    "updatedAt": "2020-04-20T13:28:45.052Z",
    "__v": 0
  }
}
```

### feed/post/[POST\_ID]

Note: Delete Post by Post ID

**request:**

**type:** DELETE

**Authorization:** 'Bearer Token send here'

**response:**

```
{
  "message": "Deleted Post"
}
```