

Postman API Testing Report

Introduction

This document describes API testing performed using Postman.

The objective was to validate different HTTP methods and verify server responses including status codes, response time, and data structure.

For testing, a dummy public REST API was used:

<https://jsonplaceholder.typicode.com/posts>

HTTP Methods Overview

Method Purpose

GET Retrieve data from server

POST Create new resource

PUT Update entire resource

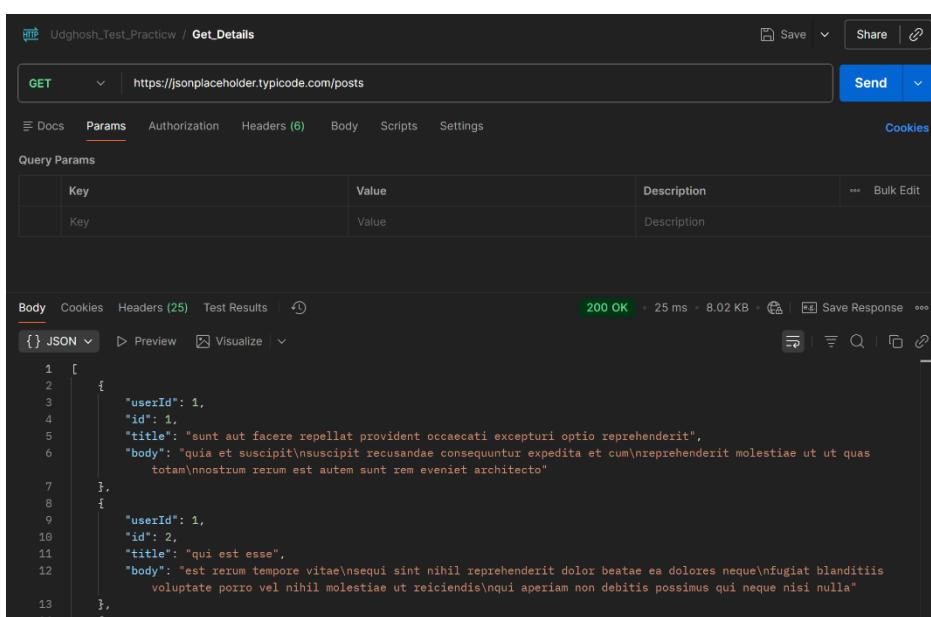
PATCH Update specific field

DELETE Remove resource

1. GET Request : Get data from server.

Endpoint:

GET <https://jsonplaceholder.typicode.com/posts>



The screenshot shows the Postman interface with a successful GET request to the specified endpoint. The response body is a JSON array containing two posts, each with an userId of 1, an id of 1, a title, and a body. The titles and bodies contain placeholder text.

```
[{"id": 1, "userId": 1, "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit", "body": "quia et suscipit\\nsuscipit recusandae consequuntur expedita et cum\\nreprehenderit molestiae ut ut quas totam\\nnostrum ierum est autem sunt rem eveniet architecto"}, {"id": 2, "userId": 1, "title": "qui est esse", "body": "est rerum tempore vitae\\nsequi sint nihil reprehenderit dolor beatae ea dolores neque\\nfugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis\\nqui aperiam non debitis possimus qui neque nisi nulla"}]
```

API returned 200 OK

Response body received in JSON format

2. Post Request : Create new Resource

The screenshot shows the Postman application interface. At the top, it says "HTTP Udghosh_Test_Practice / Add User". Below that, a "POST" method is selected and the URL is "https://jsonplaceholder.typicode.com/posts". The "Body" tab is active, showing a raw JSON payload:

```
1 {  
2   "title": "Learning API Testing",  
3   "body": "This is my first POST request in Postman, Udgash",  
4   "userId": 1  
5 }  
6
```

Below the body, the response details are shown: "201 Created" status, "459 ms" duration, and "1.33 KB" size. The "JSON" preview tab is selected, showing the same JSON response as the body:

```
1 {  
2   "title": "Learning API Testing",  
3   "body": "This is my first POST request in Postman, Udgash",  
4   "userId": 1,  
5   "id": 101  
6 }
```

API returned 201 Created.