

## Base URL

<http://localhost:8080/api/tasks>

### 1. Create Task

**POST** /api/tasks

The screenshot shows the Postman interface for a REST client. At the top, the breadcrumb navigation shows 'News Aggregator API / Register User'. The main area is set to a POST request to 'http://localhost:8081/api/tasks'. The 'Body' tab is selected, showing a JSON payload: 

```
{  "title": "Complete Spring Boot Assignment",  "description": "Build a task management API",  "status": "PENDING",  "priority": "HIGH",  "dueDate": " 2024-02-15 "}
```

. The response status is '201 Created' with a 49 ms response time and 323 B of data. The response body is also shown in JSON format: 

```
{  "id": 2,  "title": "Complete Spring Boot Assignment",  "description": "Build a task management API",  "status": "PENDING",  "priority": "HIGH",  "dueDate": "2024-02-15"}
```

. The bottom status bar includes icons for Postbot, Runner, Start Proxy, Cookies, Vault, and Trash.

News Aggregator API / Register User

POST http://localhost:8081/api/tasks

Params Auth Headers (9) Body Scripts Settings Cookies

raw JSON Beautify

```
1 {
2   "title": "Complete Spring Boot Assignment",
3   "description": "Build a task management API",
4   "status": "PENDING",
5   "priority": "HIGH",
6   "dueDate": " 2024-02-15 "
```

Body 201 Created • 49 ms • 323 B • Save Response

{ JSON Preview Visualize

```
1 {
2   "id": 2,
3   "title": "Complete Spring Boot Assignment",
4   "description": "Build a task management API",
5   "status": "PENDING",
6   "priority": "HIGH",
7   "dueDate": "2024-02-15"
```

Postbot Runner Start Proxy Cookies Vault Trash

## 2. Validation Error

**POST** /api/tasks with invalid input

- **Invalid Request:**

The screenshot shows a REST client interface for a "News Aggregator API" with the endpoint "Register User". A POST request is configured to `http://localhost:8081/api/tasks`. The request body is a JSON object:

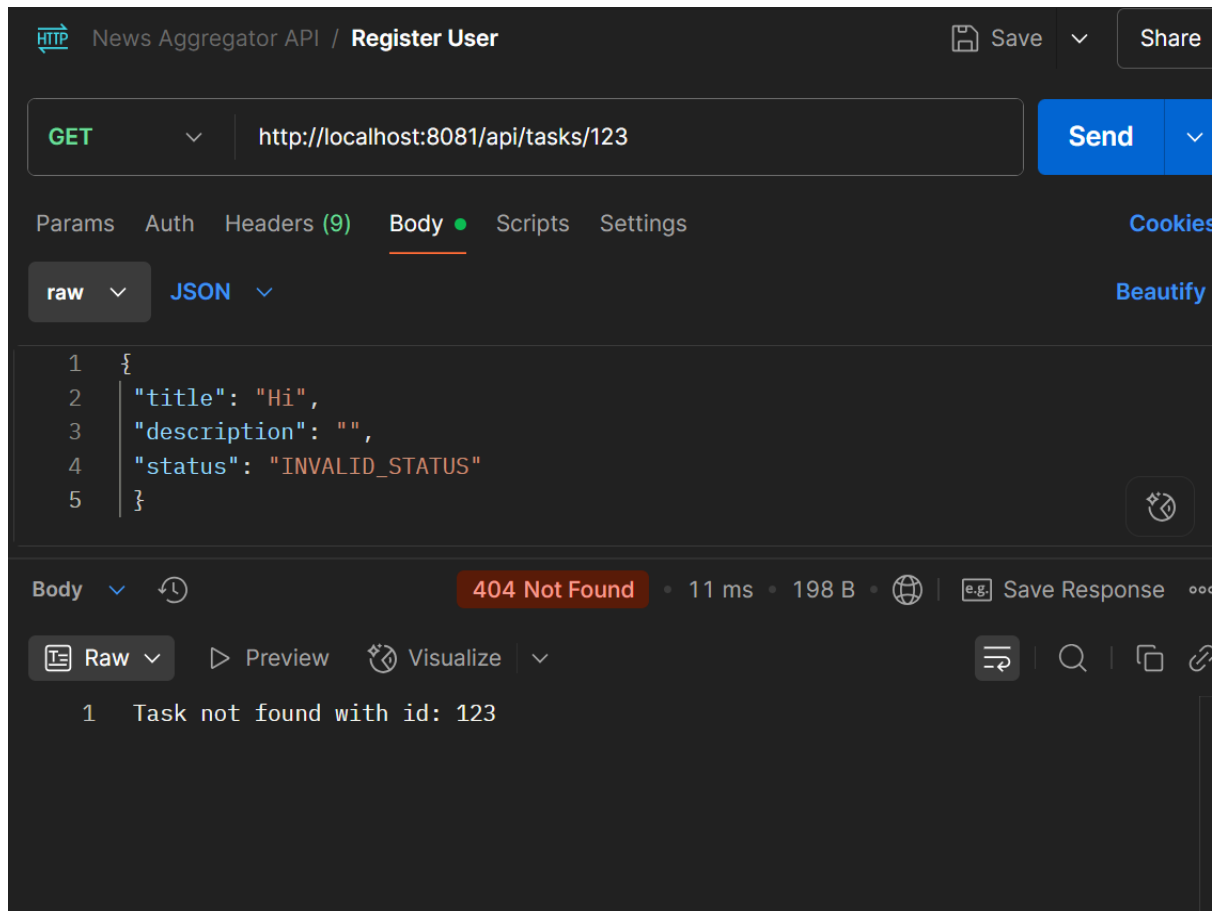
```
1 {  
2   "title": "Hi",  
3   "description": "",  
4   "status": "INVALID_STATUS"  
5 }
```

The response is a **400 Bad Request** with a status bar indicating 22 ms and 8.03 KB. The response body is a JSON object:

```
1 {  
2   "timestamp": "2025-07-17T18:01:28.089+00:00",  
3   "status": 400,  
4   "error": "Bad Request",  
5   "trace": "org.springframework.http.converter.  
        HttpMessageNotReadableException: JSON parse error: Cannot deserialize  
        value of type 'com.yourname.taskmanager.taskmanager.enums.TaskStatus'"
```

### 3: Get Non-existent Task

**GET** /api/tasks/{id}



### cURL Example:

```
curl -X POST http://localhost:8080/api/tasks \
-H "Content-Type: application/json" \
-u user:f343fd7b-b593-44fe-adba-9f7ad0162f4c \
-d '{
  "title": "Complete Spring Boot Assignment",
  "description": "Build a task management API",
  "status": "PENDING",
  "priority": "HIGH",
  "dueDate": "2024-02-15"
}'
```