

SCENERIO 1-Successful Login

Login using username and password

The screenshot shows the Swagger UI interface for a POST request to the '/login' endpoint. The 'Request body' field contains the following JSON payload:

```
{
  "username": "rahul",
  "password": "password123"
}
```

Token Generated if username and password are valid

The screenshot shows the Swagger UI interface displaying the response from the POST request to '/login'. The 'Response body' section shows the generated access token:

```
{
  "access_token": "eyJhbGciOiJIUzI1NiIsInR5cC16IkpxVCJ9.eyJzdWIiOiIxYWh1bCTsIwV4cT6dTc2MDA0ODUzNjx0.r33eYACt8ExrVpIomUTrCnkpID4LRu2BxIBw9snBU",
  "token_type": "bearer"
}
```

Authorizing using Token

Login successfull

The screenshot shows a web browser window with multiple tabs. The active tab is 'Task Management - Swagger' at the URL 127.0.0.1:8000/docs#/default/login_login_post. The page displays the Task Management API documentation. A modal dialog is overlaid on the page, titled 'Available authorizations'. It lists 'HTTPBearer (http, Bearer)' as authorized, with a value of '*****'. There are 'Logout' and 'Close' buttons at the bottom of the modal. The background of the page shows the 'default' endpoint for a POST /login operation, which requires a 'Request body' (application/json) and has no parameters. The status bar at the bottom right indicates 'ENG US 10:39 25-11-2025'.

SCENERIO 2 –Login Failure

Invalid password

POST /login Login

Parameters

No parameters

Request body required

application/json

```
{  
    "username": "rahul",  
    "password": "incorrectpass"  
}
```

Cancel Reset

Assignment - OneDrive | USTTask Manager | Task Management - Swagger | chatgpt - Search | Code review and comment | +

127.0.0.1:8000/docs#/default/login_login_post

Execute Clear

Responses

Curl

```
curl -X 'POST' '\  
    "http://127.0.0.1:8000/login'\ \  
    -H 'accept: application/json' \  
    -H 'Content-Type: application/json' \  
    -d '{  
        "username": "rahul",  
        "password": "passwoasdfsdf123"  
    }'
```

Request URL

http://127.0.0.1:8000/login

Server response

Code Details

401 Error: Unauthorized
Undocumented

Response body

```
{  
    "detail": "Invalid Username or Password"  
}
```

Download

Response headers

```
content-length: 41  
content-type: application/json  
date: Tue, 25 Nov 2025 05:22:43 GMT  
server: uvicorn
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

Windows Start button

10:52
ENG US
25-11-2025

SCENARIO 3- Create Task

Creating new task -Request

POST /task Add Task

Parameters

No parameters

Request body required

application/json

```
[{"id": 1, "title": "Book train tickets", "description": "Book IRCTC tickets to Chennai", "completed": false}]
```

Cancel Reset

Edit Value | Schema

Response -

Response body

```
{ "id": 1, "title": "Book train tickets", "description": "Book IRCTC tickets to Chennai", "completed": false }
```

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SCENARIO 4-Create Task with Missing Title

```
{\n  "description": "Book IRCTC tickets to Chennai"\n}
```

Response body

```
[{\n  "detail": [\n    {\n      "type": "missing",\n      "loc": [\n        "body",\n        "title"\n      ],\n      "msg": "Field required",\n      "input": {\n        "description": "Book IRCTC tickets to Chennai"\n      }\n    }\n  ]\n}]
```

Response headers

SCENARIO 5 -Update Task

Request to update task using id -

id * required
integer
(path)

Request body required

↗

Edit Value | Schema

```
{  
  "title": "Pay Water Bill",  
  "description": "Pay BWSSB bill",  
  "completed": true  
}
```

Response –

↗ Response body

```
{  
  "id": 1,  
  "title": "Pay Water Bill",  
  "description": "Pay BWSSB bill",  
  "completed": true  
}
```

SCENARIO 6-Get Non-Existing Task

The screenshot shows the Swagger UI interface for a Task Management API. A GET request is being made to the endpoint `/task/{id}`. The parameter `id` is set to `10`. The "Responses" section shows the following details:

- Curl:** curl -X 'GET' 'http://127.0.0.1:8000/task/10' \ -H 'Accept: application/json' \ -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cI6IkpkNC39.vy2ndH10i3yV8hICisImh4C168Tc2NDA10EgH0.vcdhd7f0c-Aw5krn4K0EDw7q1f91kjyFT7v1Tkj.c'
- Request URL:** http://127.0.0.1:8000/task/10
- Server response:** 404 Error: Not Found
- Code Details:** Response body:

```
{ "detail": "Task doesn't exist!" }
```

The status bar at the bottom indicates the date and time as 25-11-2025 10:58.

SCENARIO 7-Delete Non-Existing Task

The screenshot shows the Swagger UI interface for a Task Management API. A DELETE request is being made to the endpoint `/task/{id}`. The parameter `id` is set to `10`. The "Responses" section shows the following details:

- Curl:** curl -X 'DELETE' 'http://127.0.0.1:8000/task/10' \ -H 'Accept: application/json' \ -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cI6IkpkNC39.vy2ndH10i3yV8hICisImh4C168Tc2NDA10EgH0.vcdhd7f0c-Aw5krn4K0EDw7q1f91kjyFT7v1Tkj.c'
- Request URL:** http://127.0.0.1:8000/task/10
- Server response:** 404 Error: Not Found
- Code Details:** Response body:

```
{ "detail": "Task Not Found" }
```

The status bar at the bottom indicates the date and time as 25-11-2025 10:59.