

TASK : UST Task Tracker API

Screenshots:

1. LOGIN (Authentication using JWT)

Request body required

Edit Value | Schema

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

Response body

```
{  "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJyYWh1bCIsImV4cCI6IjE2MjM0MTUxMDEwIiwiaWF0IjoiMTY2MjM0MTUxMDEwIn0.s8YwS1Eex1mR--Ot4Uaa4z0-cFF1HvFJuJ5DSE5uu3E",  "token_type": "bearer"}
```

Response headers

```
content-length: 165
content-type: application/json
date: Tue, 25 Nov 2025 05:25:13 GMT
server: uvicorn
```

Download

2. POST (Create Task)

Request body required

Edit Value | Schema

```
{  "title": "Buy groceries",  "description": "Buy rice and dal from D-Mart"}
```

200

Response body

```
{
  "id": 1,
  "title": "Buy groceries",
  "description": "Buy rice and dal from D-Mart",
  "completed": false
}
```

Response headers

```
content-length: 95
content-type: application/json
date: Tue, 25 Nov 2025 05:31:03 GMT
server: uvicorn
```

Responses

3. GET (Get all tasks)

127.0.0.1:8000/docs#/default/get_all_tasks_tasks_get

Details

Response body

```
[
  {
    "id": 1,
    "title": "Pay Electricity Bill",
    "description": "Pay BESCOM bill before 15th",
    "completed": false
  },
  {
    "id": 2,
    "title": "Buy groceries",
    "description": "Buy rice and dal from D-Mart",
    "completed": false
  }
]
```

4. GET (Get task by ID)

GET /tasks/{task_id} Get Task

Parameters

Name	Description
task_id * required	
integer	
(path)	

2

Execute

Server response

Code	Details
200	<p>Response body</p> <pre>{ "id": 2, "title": "Buy groceries", "description": "Buy rice and dal from DMart", "completed": false }</pre> <p>Response headers</p> <pre>content-length: 97 content-type: application/json date: Tue, 25 Nov 2025 05:39:23 GMT server: uvicorn</pre>

5. PUT (Update task)

task_id * required

integer (path)

Request body required

Edit Value | Schema

```
{
  "title": "Buy vegetables",
  "description": "Buy tomatoes from Reliance Fresh",
  "completed": true
}
```

Response body

```
{
  "id": 2,
  "title": "Buy vegetables",
  "description": "Buy tomatoes from Reliance Fresh",
  "completed": true
}
```

Response headers

```
content-length: 99
content-type: application/json
date: Tue, 25 Nov 2025 05:41:41 GMT
server: uvicorn
```

nses

6. DELETE (Delete a task)

DELETE

/tasks/{task_id}

Delete Task

Parameters

Name	Description
task_id * required integer (path)	<input type="text" value="1"/>

Execute

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "message": "Task deleted successfully" }</pre></div><div><div>Response headers</div><div><pre>content-length: 39 content-type: application/json date: Tue, 25 Nov 2025 05:43:00 GMT server: uvicorn</pre></div></div></div>

Responses