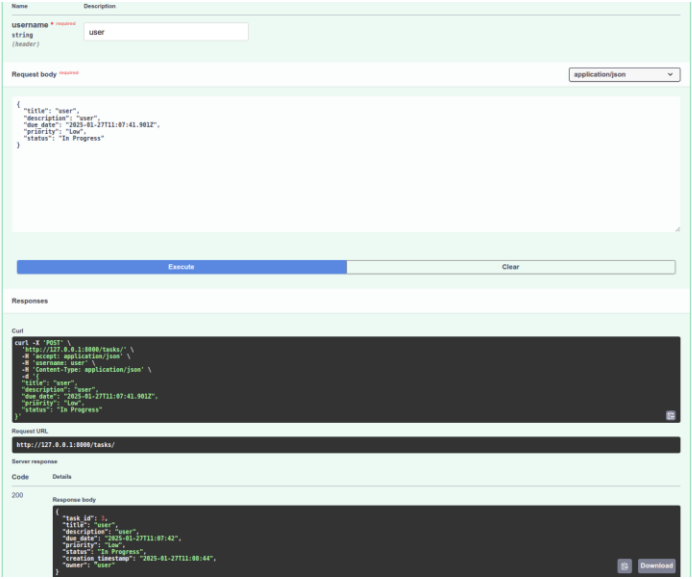
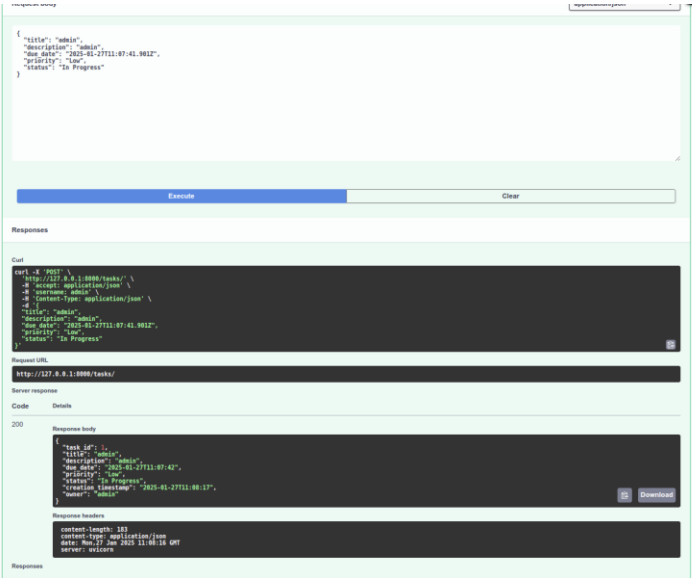


Can access User and Admin by the following Pictures.



Get tasks it show the details of the Data based on the inputed users and admin

Name	Description
status string (query)	<input type="text" value="Pending"/>
priority string (query)	<input type="text" value="High"/>
due_date string (date-time) (query)	<input type="text" value="2025-01-27T11:07:42"/>
username * required string (header)	<input type="text" value="admin"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/tasks/?status=Pending&priority=High&due_date=2025-01-27T11:07:42' \
  -H 'accept: application/json' \
  -H 'username: admin'
```

Request URL

http://127.0.0.1:8000/tasks/?status=Pending&priority=High&due_date=2025-01-27T11:07:42

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "task_id": 4, "title": "string", "description": "string", "due_date": "2025-01-27T11:07:42", "status": "Pending", "priority": "High", "creation_timestamp": "2025-01-27T11:19:33", "owner": "admin" }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 184 content-type: application/json date: Mon, 27 Jan 2025 11:36:32 GMT server: uvicorn</pre></div></div>

Get tasks by id. show the detailed based on ID

GET /tasks/{task_id} Get Task By Id

Parameters

Cancel

Name	Description
task_id * required integer (path)	<input type="text" value="2"/>
username * required string (header)	<input type="text" value="user"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/tasks/2' \
  -H 'accept: application/json' \
  -H 'username: user'
```

Request URL

http://127.0.0.1:8000/tasks/2

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "task_id": 2, "title": "user", "description": "user", "due_date": "2025-01-27T18:43:18", "priority": "Low", "status": "Pending", "creation_timestamp": "2025-01-27T18:46:37", "owner": "user" }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 176 content-type: application/json date: Mon, 27 Jan 2025 18:51:21 GMT server: uvicorn</pre></div></div>

Get update this method will update the data so on the Status on previous i input Pending then update to the In progress :

PUT /tasks/{task_id} Update Task

Parameters

Cancel

Reset

Name	Description
task_id * required integer (path)	4
username * required string (header)	admin

Request body * required

application/json

```
{
  "title": "admin",
  "description": "admin",
  "due_date": "2025-01-27T11:07:42",
  "priority": "High",
  "status": "In Progress"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  http://127.0.0.1:8000/tasks/4 \
  -H 'accept: application/json' \
  -H 'username: admin' \
  -H 'Content-Type: application/json' \
  -d '{
    "title": "admin",
    "description": "admin",
    "due_date": "2025-01-27T11:07:42",
    "priority": "High",
    "status": "In Progress"
  }'
```

Request URL

http://127.0.0.1:8000/tasks/4

Server response

Code

Details

Delete method

DELETE

/tasks/{task_id}

Delete Task

Cancel

Name

Description

task_id • required

integer

(path)

1

username • required

string

(header)

user

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
  'http://127.0.0.1:8000/tasks/1' \
  -H 'accept: application/json' \
  -H 'username: user'
```

Request URL

http://127.0.0.1:8000/tasks/1

Server response

Code

Details

403

Undocumented

Error: Forbidden

Response body

```
{
  "detail": "Only admins can perform this action"
}
```

Download

Response headers

```
content-length: 48
content-type: application/json
date: Mon, 27 Jan 2025 11:17:59 GMT
server: uvicorn
```

Responses

Code

Description

Links

DELETE

/tasks/{task_id}

Delete Task

Cancel

Name

Description

task_id • required

integer

(path)

1

username • required

string

(header)

admin

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
  'http://127.0.0.1:8000/tasks/1' \
  -H 'accept: application/json' \
  -H 'username: admin'
```

Request URL

http://127.0.0.1:8000/tasks/1

Server response

Code

Details

200

Response body

```
{
  "task_id": 1,
  "title": "admin",
  "description": "admin",
  "due_date": "2025-01-27T11:07:42",
  "priority": "High",
  "status": "Completed",
  "creation_timestamp": "2025-01-27T11:08:17",
  "owner": "admin"
}
```

Download

Response headers

```
content-length: 102
content-type: application/json
date: Mon, 27 Jan 2025 11:18:19 GMT
server: uvicorn
```

Patch Method: i use id 4 because of High Priority so i decided to patch this data. and marked as completed.

PUT /tasks/{task_id} Update Task

DELETE /tasks/{task_id} Delete Task

PATCH /tasks/{task_id}/complete Mark Task As Completed

Cancel

Name	Description
task_id * required integer (path)	4
username * required string (header)	admin

ExecuteClear

Responses

Curl

```
curl -X 'PATCH' \
  'http://127.0.0.1:8080/tasks/4/complete' \
  -H 'accept: application/json' \
  -H 'username: admin'
```

Request URL

```
http://127.0.0.1:8080/tasks/4/complete
```

Server response

Code	Details
200	<div>Response body<pre>{ "task_id": 4, "title": "admin", "description": "admin", "due_date": "2025-01-27T11:07:42", "priority": "High", "status": "Completed", "creation_timestamp": "2025-01-27T11:19:33", "owner": "admin" }</pre></div> <div>Response headers<pre>content-length: 182 content-type: application/json date: Mon, 27 Jan 2025 11:38:52 GMT server: uvicorn</pre></div>

Code	Description	Links
200	Successful Response	No links

here is the output of my SQL the data show well structured.

MySQL Workbench

Local instance 3306

File Edit View Query Database Server Tools Scripting Help

Schemas

Filter objects

afdashboard
prefect_data
sys
task_management
Tables
Views
Stored Procedures
Functions

Query 1 SQL File 3*

1 • use task_management;
2 • select * from tasks

Filter Rows

#	task_id	title	description	due_date	priority	status	creation_timestamp	owner
2	admin	admin	admin	2025-01-27 11:07:42	Low	In Pro...	2025-01-27 11:08:34	user
3	user	user	user	2025-01-27 11:07:42	Low	In Pro...	2025-01-27 11:08:44	user
4	admin	admin	admin	2025-01-27 11:07:42	High	Comp...	2025-01-27 11:19:33	admin

tasks 1

Apply Revert

#	Time	Action	Message	Duration / Fetch
1	19:32:00	use task_management	0 row(s) affected	0.00034 sec
2	19:32:00	select * from tasks	3 row(s) returned	0.00069 sec / 5,000...

Object Info Session

No object selected

Query Completed