

TaskManager

The Task Manager application is a simple and effective tool for managing tasks. It allows users to perform CRUD (Create, Read, Update, Delete) operations on tasks. Users can mark tasks as completed or incomplete, filter tasks by their status, and manage their own tasks with user authentication (sign up and login).

User

POST SignUp

http://localhost:5000/User/SignUp

Body raw (json)

json

```
{
  "UserName": "NourAlaassar",
  "Password": "Password285",
  "ConfirmPassword": "Password285",
  "Email": "Nour@gmail.com",
  "Age": 22
}
```

POST SignIn

http://localhost:5000/User/SignIn

Body raw (json)

json

```
{
```

```
{  
  "Email": "Nour@gmail.com",  
  "Password": "Password285"  
}
```

PATCH SignOut

http://localhost:5000/User/SignOut

HEADERS

token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXIsb2Fkljp7IkVtYWlsIjoiaXRzYWxhYXNzYXJAZ21haWwuY29tliwiX2lkloiNjcyYzAzZDU2YjY2MzAxNWFiZDFiOWY4In0sImhhdCI6MTczMDkzNzg1NywiZXhwIjoxNzNmOTQxNDE2fQ.hnZOBfevu4ASiFUh_qTSID-E-ILsJFBYFRu2N5MbCOg
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Tasks

- **Create a Task:** Add a new task with a description and Deadline.
- **Read Tasks:** View a list of tasks, with the option to filter by status (completed/incomplete).
- **Update Tasks:** Mark tasks as completed or incomplete- update title- description - deadline.
- **Delete Tasks:** Remove tasks from the list.

POST ADD

http://localhost:5000/Task/

HEADERS

token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXIsb2Fkljp7IkVtYWlsIjoiaXRzYWxhYXNzYXJAZ21haWwuY29tliwiX2lkloiNjcyYzAzZDU2YjY2MzAxNWFiZDFiOWY4In0sImhhdCI6MTczMDkzNzg1NywiZXhwIjoxNzNmOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8IZEMz4hbwsQuPhMoAPjPwuM
-------	--

Body raw (json)

json

```
{  
  "Title": "csharp",  
  "Description": "Session 2 and 3 practice",  
  "DeadLine": "2024-11-8"  
}
```

GET GetAll

http://localhost:5000/Task/GetAll

user can get all tasks Created by him

HEADERS

token

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXlsb2Fkljpw7IkVtYWlsIjoiaXRzYWxhYXNzYXJAZ21haWwuY29tliwiX2lkjoiNjcyYzAzZDU2YjY2MzAxNWFiZDFiOWY4In0sImhhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8IZEMz4hbwsQuPhMoAPjPwuM

GET GetAll with filter option

http://localhost:5000/Task/?Status=completed

user can get all tasks Created by him with filter option

HEADERS

token

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXlsb2Fkljpw7IkVtYWlsIjoiaXRzYWxhYXNzYXJAZ21haWwuY29tliwiX2lkjoiNjcyYzAzZDU2YjY2MzAxNWFiZDFiOWY4In0sImhhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8IZEMz4hbwsQuPhMoAPjPwuM

PARAMS

Status

completed

DELETE Delete

http://localhost:5000/Task/:TaskId

HEADERS

token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXIsb2Fkljp7IkVtYWIsIjoiaXRzYWxhYXNzYXJAZ21haWwuY29tliwiX2lkjoiNjcyYzAzZDU2YjY2MzAxNWFiZDFiOWY4In0sImIhdCI6MTczMDkzNzg1NywiZXhwljoxNzMwOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8IZEMz4hbwsQuPhMoAPjPwuM
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PATH VARIABLES

TaskId	672c06e90c6073458e5a46f1
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PUT Update

http://localhost:5000/Task/:TaskId

User Can update Task Status (completed-incomplete) - DeadLine - Title - Description

HEADERS

token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXIsb2Fkljp7IkVtYWIsIjoiaXRzYWxhYXNzYXJAZ21haWwuY29tliwiX2lkjoiNjcyYzAzZDU2YjY2MzAxNWFiZDFiOWY4In0sImIhdCI6MTczMDkzNzg1NywiZXhwljoxNzMwOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8IZEMz4hbwsQuPhMoAPjPwuM
-------	--

PATH VARIABLES

TaskId	672c06e90c6073458e5a46f1
--------	--------------------------

Body raw (json)

```
json
```

```
{
```

```
"Title": "csharp",  
  "Description": "Session 2 and 3 practice",  
  "Deadline": "2024-11-8",  
  "Status": "completed"
```

```
}
```