# 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.eyJwYXIsb2Fkljp7IkVtYWIsIjoiaXRzYW
                                         xhYXNzYXJAZ21haWwuY29tliwiX2IkIjoiNjcyYzAzZDU2YjY2MzAxNWFlZDFlOWY
                                         4In0slmlhdCI6MTczMDkzNzgxNiwiZXhwIjoxNzMwOTQxNDE2fQ.hnZOBfevu4A
                                         SiFUh_qTSID-E-ILsJFBYFRu2N5MbCOg

# 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.eyJwYXIsb2Fkljp7IkVtYWIsIjoiaXRzYW
                                         xhYXNzYXJAZ21haWwuY29tliwiX2IkIjoiNjcyYzAzZDU2YjY2MzAxNWFlZDFlOWY
                                         4In0slmlhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZ
                                         WHXHwQapi8lZEMz4hbwsQuPhMoAPjPwuM

**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.eyJwYXlsb2FkIjp7IkVtYWlsIjoiaXRzYWxhYXNzYXJJAZ21haWwuY29tIiwiX2lkIjoiNjcyYzAzZDU2YjY2MzAxNWFlZDFlOWY4In0sImlhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8lZEMz4hbwsQuPhMoAPjPwuM |

## 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.eyJwYXlsb2FkIjp7IkVtYWlsIjoiaXRzYWxhYXNzYXJJAZ21haWwuY29tIiwiX2lkIjoiNjcyYzAzZDU2YjY2MzAxNWFlZDFlOWY4In0sImlhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZWHXHwQapi8lZEMz4hbwsQuPhMoAPjPwuM |

### PARAMS

| | |
|---|---|
| **Status** | completed |

## DELETE   Delete

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

### HEADERS

token eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJwYXlsb2FkIjp7IkVtYWlsIjoiaXRzYW
xhYXNzYXJAZ21haWwuY29tIiwiX2lkIjoiNjcyYzAzZDU2YjY2MzAxNWFlZDFlOWY
4In0sImlhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZ
WHXHwQapi8lZEMz4hbwsQuPhMoAPjPwuM

### 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.eyJwYXlsb2FkIjp7IkVtYWlsIjoiaXRzYW
xhYXNzYXJAZ21haWwuY29tIiwiX2lkIjoiNjcyYzAzZDU2YjY2MzAxNWFlZDFlOWY
4In0sImlhdCI6MTczMDkzNzg1NywiZXhwIjoxNzMwOTQxNDU3fQ.qAWxnYy0xZ
WHXHwQapi8lZEMz4hbwsQuPhMoAPjPwuM

### PATH VARIABLES

TaskId 672c06e90c6073458e5a46f1

**Body** raw (json)

```
json
{
```

```
    "Title":"csharp",
    "Description":"Session 2 and 3 practice",

    "DeadLine":"2024-11-8",
    "Status":"completed"
}
```