



Select a definition

ToDoListAPI v1

To-Do List web API

v1 OAS 3.0

<https://localhost:7010/swagger/v1/swagger.json>

It's a ToDoList to track some tasks using deadlines and priorities

[Terms of service](#)[Contact Mohamed Salah](#)

TaskManagment



PUT

`/api/TaskManagment/{id}/complete` Mark a task as complete

Updates the task status to complete.

Parameters

Cancel

Name

Description

id * requiredinteger(\$int32)
(path)

5

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  'https://localhost:7010/api/TaskManagment/5/complete' \
  -H 'accept: application/json'
```

Request URL

`https://localhost:7010/api/TaskManagment/5/complete`

Server response

Code

Details

200

Response body

```
{
  "id": 5,
  "title": "finishing BookStore",
  "description": "finilzie the book store api ",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": true,
  "priority": 2
}
```

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Response headers

```
access-control-allow-origin: *
content-type: application/json; charset=utf-8
date: Fri,29 Nov 2024 19:28:13 GMT
server: Kestrel
```

Responses

Code

Description

Links

200

Task marked as complete.

No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "id": 0,
  "title": "string",
  "description": "string",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": true,
  "priority": 0
}
```

404

Task not found.

No links

PUT

/api/TaskManagment/{id}/incomplete Mark a task as incomplete



Updates the task status to incomplete.

Parameters

Cancel

NameDescription

id * required

integer(\$int32)
(path)

5

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  'https://localhost:7010/api/TaskManagment/5/incomplete' \
  -H 'accept: application/json'
```

Request URL

https://localhost:7010/api/TaskManagment/5/incomplete

Server response

CodeDetails

200

Response body

```
{
  "id": 5,
  "title": "finishing BookStore",
  "description": "finilzie the book store api ",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": false,
  "priority": 2
}
```

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Response headers

```
access-control-allow-origin: *
content-type: application/json; charset=utf-8
date: Fri, 29 Nov 2024 19:28:21 GMT
server: Kestrel
```

Responses

Code	Description	Links
200	Task marked as incomplete.	No links
Media type		
application/json		
Controls Accept header.		
Example Value Schema		

Code	Description	Links
	<pre>{ "id": 0, "title": "string", "description": "string", "dueDate": "2024-11-29", "creationDate": "2024-11-29", "status": true, "priority": 0 }</pre>	
404	Task not found.	No links

GET

/api/TaskManagment/status

Get tasks by status

^

Fetches tasks based on their completion status. Status = false => incomplete and Status = true => complete

Parameters

Cancel

Name	Description
status	<div>false</div>
boolean	
(query)	

Execute

Clear

Responses

Curl

curl -X 'GET' \
'https://localhost:7010/api/TaskManagment/status?status=false' \
-H 'accept: application/json'

Request URL

https://localhost:7010/api/TaskManagment/status?status=false

Server response

Code	Details
200	Response body

Code

```
{
  "id": 2,
  "title": "Code Review",
  "description": "Review the code before submission.",
  "dueDate": "2024-12-15",
  "creationDate": "2024-11-25",
  "status": false,
  "priority": 1
},
{
  "id": 3,
  "title": "Testing",
  "description": "Test the functionality of the project.",
  "dueDate": "2024-12-05",
  "creationDate": "2024-11-28",
  "status": false,
  "priority": 0
},
{
  "id": 6,
  "title": "documentation",
  "description": "string",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": false,
  "priority": 2
}
}
```

Download

Response headers

content-type: application/json; charset=utf-8
date: Fri,29 Nov 2024 19:27:11 GMT
server: Kestrel

Responses

Code	Description	Links
200	Tasks retrieved successfully. Media type <div>application/json</div> Controls Accept header. Example Value Schema <pre>[{ "id": 0, "title": "string", "description": "string", "dueDate": "2024-11-29", "creationDate": "2024-11-29", "status": true, "priority": 0 }]</pre>	No links
404	No tasks found with the specified status.	No links

GET /api/TaskManagment/date Get tasks by due date

Fetches tasks based on their due date. Must be{yyyy-mm-dd}

Parameters

Cancel

NameDescription

dueDate
string(\$date)
(query)
2024-12-05

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7010/api/TaskManagment/date?dueDate=2024-12-05' \
  -H 'accept: application/json'
```

Request URL

https://localhost:7010/api/TaskManagment/date?dueDate=2024-12-05

Server response

CodeDetails

200

Response body

```
[
  {
    "id": 3,
    "title": "Testing",
    "description": "Test the functionality of the project.",
    "dueDate": "2024-12-05",
    "creationDate": "2024-11-28",
    "status": false,
    "priority": 0
  }
]
```

Download

Response headers

content-type: application/json; charset=utf-8
date: Fri, 29 Nov 2024 19:27:34 GMT
server: Kestrel

Responses

Code

Description

Links

200

Tasks retrieved successfully.

Media type

application/json

Controls Accept header.

Example ValueSchema

```
[
  {
    "id": 0,
    "title": "string",
    "description": "string",
    "dueDate": "2024-11-29",
    "creationDate": "2024-11-29",
    "status": true,
    "priority": 0
  }
]
```

No links

404

No tasks found with the specified due date.

No links

GET

/api/TaskManagment/priority

Get tasks by priority

^

Fetches tasks based on their priority level. Priority levels are {0 => LOW, 1 => MED , 2 => HIGH}.

Parameters

Cancel

Name

Description

priority

integer(\$int32)

(query)

1

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7010/api/TaskManagment/priority?priority=1' \
  -H 'accept: application/json'
```

Request URL

https://localhost:7010/api/TaskManagment/priority?priority=1

Server response

Code	Details
200	<div><div>Response body</div><div><pre>[{ "id": 1, "title": "Trying editing", "description": "string", "dueDate": "2024-12-20", "creationDate": "2024-11-29", "status": false, "priority": 1 }, { "id": 2, "title": "Code Review", "description": "Review the code before submission.", "dueDate": "2024-12-15", "creationDate": "2024-11-25", "status": false, "priority": 1 }]</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-type: application/json; charset=utf-8 date: Fri, 29 Nov 2024 19:27:44 GMT server: Kestrel</pre></div></div>

Responses

Code	Description	Links
200	<div>Tasks retrieved successfully.</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div><div><pre>[{ "id": 0, "title": "string", "description": "string", "dueDate": "2024-11-29", "creationDate": "2024-11-29", "status": true, "priority": 0 }]</pre></div></div>	No links
404	No tasks found with the specified priority.	No links

No links

PUT /api/TaskManagment/{id}/priority Set task priority



Updates the priority level of a task. Priority levels are {0 => LOW, 1 => MED , 2 => HIGH}.

Parameters

Cancel

NameDescription

id * required

integer(\$int32)
(path)

7

priority

integer(\$int32)
(query)

2

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  'https://localhost:7010/api/TaskManagment/7/priority?priority=2' \
  -H 'accept: application/json'
```

Request URL

https://localhost:7010/api/TaskManagment/7/priority?priority=2

Server response

Code

Details

200

Response body

```
{
  "id": 7,
  "title": "string",
  "description": "string",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": true,
  "priority": 2
}
```

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Response headers

```
access-control-allow-origin: *
content-type: application/json; charset=utf-8
date: Fri, 29 Nov 2024 19:27:57 GMT
server: Kestrel
```

Responses		
Code	Description	Links
200	Task priority updated successfully. <div>Media type<div>application/json</div>Controls Accept header.<div>Example ValueSchema<pre>{ "id": 0, "title": "string", "description": "string", "dueDate": "2024-11-29", "creationDate": "2024-11-29", "status": true, "priority": 0}</pre></div></div>	No links
404	Task not found.	No links

ToDoList



GET

/api/tasks

Get all tasks

^

Fetches a list of all tasks. Status = false => incomplete and Status = true => complete. Priority levels are {0 => LOW, 1 => MED , 2 => HIGH}.

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X 'GET' \  'https://localhost:7010/api/tasks' \  -H 'accept: application/json'
```

Request URL

```
https://localhost:7010/api/tasks
```

Server response

Code

Details

200

Response body

```
"dueDate": "2024-12-01",
"creationDate": "2024-11-30",
"status": true,
"priority": 0
},
{
  "id": 5,
  "title": "finishing BookStore",
  "description": "finilzie the book store api ",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": false,
  "priority": 2
},
{
  "id": 6,
  "title": "documentation",
  "description": "string",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29",
  "status": false,
  "priority": 2
},
{
  "id": 7,
  "title": "string",
  "description": "string",
  "dueDate": "2024-11-29",
  "creationDate": "2024-11-29".
```



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Response headers

```
content-type: application/json; charset=utf-8
date: Fri,29 Nov 2024 19:28:34 GMT
server: Kestrel
```

Responses

Code	Description	Links
200	<div>Tasks retrieved successfully.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>[{ "id": 0, "title": "string", "description": "string", "dueDate": "2024-11-29", "creationDate": "2024-11-29", "status": true, "priority": 0 }]</div>	No links
404	No tasks found.	No links

POST **/api/tasks** Create a new task



PUT **/api/tasks** Edit an existing task



GET **/api/tasks/{id}** Get a task by ID



DELETE **/api/tasks/{id}** Delete a task



Schemas



AddTaskDTO

EditTaskDTO

Priority

SelectTaskDTO