



Puul Tasks API

1.0 OAS 3.0

API para gestión de tareas y usuarios

Authorize

App

^

GET /

▼

Users

^

POST /users Create a new user

▼

GET /users Get all users with filtering

▼

GET /users/{id} Get user by ID

▼

PUT /users/{id} Update user

▼

DELETE /users/{id} Delete user

▼

Tasks

^

POST /tasks Create a new task

^

Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "title": "Implementar API de usuarios",
  "description": "Desarrollar endpoints CRUD para gestión de usuarios",
  "estimatedHours": 8.5,
  "cost": 1500,
  "dueDate": "2025-07-15T23:59:59.000Z",
  "assignedUserIds": [
    "e1a89996-c3ac-461f-9254-90f60bab422b",
    "8e40ed47-c01e-4938-b7a2-d40ecdc26b0e"
  ]
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:3000/tasks' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "title": "Implementar API de usuarios",
    "description": "Desarrollar endpoints CRUD para gestión de usuarios",
    "estimatedHours": 8.5,
    "cost": 1500,
    "dueDate": "2025-07-15T23:59:59.000Z",
    "assignedUserIds": [
      "e1a89996-c3ac-461f-9254-90f60bab422b",
      "8e40ed47-c01e-4938-b7a2-d40ecdc26b0e"
    ]
  }'
```

Request URL

http://localhost:3000/tasks

Server response

Code

Details

201

Response body

```
dueDate : 2025-07-15T03:59:59.000Z ,
"status": "active",
"priority": "medium",
"created_at": "2025-07-02T03:28:35.888Z",
"updated_at": "2025-07-02T03:28:36.254Z",
"parent_task_id": null,
"started_at": null,
"created_by_name": "Plivia Porto",
"assignee_count": 1,
"completion_percentage": "0.00",
"assignees": [
  {
    "id": "e1a89996-c3ac-461f-9254-90f60bab422b",
    "name": "Geoffrey Riva Moraes Porto",
    "email": "geoffreyporto@puul.com",
    "avatar_url": null,
    "is_primary": false,
    "hours_allocated": null,
    "accepted_at": null
  }
],
"is_overdue": false,
"is_due_soon": false,
"assignedUserIds": [
  "e1a89996-c3ac-461f-9254-90f60bab422b"
]
```

Download

Response headers

```
connection: keep-alive
content-length: 775
content-type: application/json; charset=utf-8
date: Wed, 02 Jul 2025 03:28:36 GMT
etag: W/"307-/YKehnYLYSkrDcYwtmd01oLGweQ"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
201	Task created successfully	No links
Media type		
application/json		
Controls Accept header.		
Example Value Schema		
{ "id": "string", "title": "string", "description": "string", "status": "active", "priority": 1, "dueDate": "string", "cost": 100, }		

Code

Description

Links

```
"estimated_hours": 8,
"actual_hours": 10,
"created_at": "string",
"updated_at": "string",
"completedAt": "string",
"categoryId": "string",
"category": {},
"parent_task_id": "string",
"started_at": "string",
"completed_at": "string",
"created_by_name": "string",
"assignedUserIds": [
  "string"
],
"assignees": [
  {}
]

```

400Bad request

No links

GET/tasksGet all tasks with filtering

^

Parameters

Cancel

Name	Description
title string (query)	Filter tasks by title (partial match) <div>title</div>
status string (query)	Filter tasks by status <div>--</div>
priority number (query)	Filter tasks by priority <div>--</div>
assignedUserId string (query)	Filter tasks assigned to a specific user <div>assignedUserId</div>
categoryId string (query)	Filter tasks by category <div>categoryId</div>
teamId string (query)	Filter tasks by team <div>teamId</div>

Name	Description
dueDate string (query)	Due date filter (tasks due before this date) <input type="text" value="dueDate"/>
assignedUser string (query)	Search by assigned user name or email <input type="text" value="assignedUser"/>
sort string (query)	Sort direction and field, e.g. "created_at:desc" <input type="text" value="sort"/>
page number (query)	Page number <input type="text" value="1"/>
limit number (query)	Number of items per page <input type="text" value="10"/>
title string (query)	Filter tasks by title (partial match) <input type="text" value="title"/>
status string (query)	Filter tasks by status <input type="text" value="--"/>
priority number (query)	Filter tasks by priority <input type="text" value="--"/>
assignedUserId string (query)	Filter tasks assigned to a specific user <input type="text" value="assignedUserId"/>
categoryId string (query)	Filter tasks by category <input type="text" value="categoryId"/>
teamId string (query)	Filter tasks by team <input type="text" value="teamId"/>
dueDate string (query)	Due date filter (tasks due before this date) <input type="text" value="dueDate"/>
assignedUser	Search by assigned user name or email

Name	Description
string (query)	<input type="text" value="assignedUser"/>
sort string (query)	<div>Sort direction and field, e.g. "created_at:desc"</div> <input type="text" value="sort"/>
page number (query)	<div>Page number</div> <input type="text" value="1"/>
limit number (query)	<div>Number of items per page</div> <input type="text" value="10"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:3000/tasks?page=1&limit=10' \
-H 'accept: application/json'
```

Request URL

http://localhost:3000/tasks?page=1&limit=10

Server response

Code	Details
200	Response body

Code

```
"priority": "medium",
"created_at": "2025-07-02T03:15:07.201Z",
"updated_at": "2025-07-02T03:15:07.201Z",
"parent_task_id": null,
"started_at": null,
"created_by_name": "Plivia Porto",
"assignee_count": 0,
"completion_percentage": "0.00",
"assignees": [],
"is_overdue": false,
"is_due_soon": false,
"assignedUserIds": []
```

Download

Response headers

```
connection: keep-alive
content-length: 2188
content-type: application/json; charset=utf-8
date: Wed, 02 Jul 2025 16:10:45 GMT
etag: W/"88c-hl9vgyl2x/WHK/Yj30VhFL/6iJw"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
200	Tasks retrieved successfully	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
[
  {
    "id": "string",
    "title": "string",
    "description": "string",
    "status": "active",
    "priority": 1,
    "dueDate": "string",
    "cost": 100,
    "estimated_hours": 8,
    "actual_hours": 10,
    "created_at": "string",
    "updated_at": "string",
    "completedAt": "string",
    "categoryId": "string",
    "category": {},
    "parent_task_id": "string",
    "started_at": "string",
    "completed_at": "string",
    "created_by_name": "string",
    "assignedUserIds": [
      "string"
    ]
  }
],
```

Code

Description

Links

"assignees": [

GET

/tasks/{id}

Get task by ID

^

Parameters

Cancel

Name

Description

id * required

Task ID

string (path)

025c7b81-3d4f-4266-84b8-e662b1ecc37c

Execute

Clear

Responses

Curl

curl -X 'GET' \
'http://localhost:3000/tasks/025c7b81-3d4f-4266-84b8-e662b1ecc37c' \
-H 'accept: application/json'

Request URL

http://localhost:3000/tasks/025c7b81-3d4f-4266-84b8-e662b1ecc37c

Server response

Code

Details

200

Response body

priority : medium ,
"created_at": "2025-07-02T03:28:35.888Z",
"updated_at": "2025-07-02T03:28:36.254Z",
"parent_task_id": null,
"started_at": null,
"created_by_name": "Plivia Porto",

Code

```
      "is_primary": false,
      "hours_allocated": null,
      "accepted_at": null
    }
  ],
  "is_overdue": false,
  "is_due_soon": false,
  "assignedUserIds": [
    "e1a89996-c3ac-461f-9254-90f60bab422b"
  ]
}
```

Download

Response headers

```
connection: keep-alive
content-length: 775
content-type: application/json; charset=utf-8
date: Wed, 02 Jul 2025 16:11:45 GMT
etag: W/"307-/YKehnYLYSkrDcYwtmd01oLGweQ"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code	Description	Links
200	Task retrieved successfully	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "id": "string",
  "title": "string",
  "description": "string",
  "status": "active",
  "priority": 1,
  "dueDate": "string",
  "cost": 100,
  "estimated_hours": 8,
  "actual_hours": 10,
  "created_at": "string",
  "updated_at": "string",
  "completedAt": "string",
  "categoryId": "string",
  "category": {},
  "parent_task_id": "string",
  "started_at": "string",
  "completed_at": "string",
  "created_by_name": "string",
  "assignedUserIds": [
    "string"
  ],
  "assignees": [
    {}
  ]
}
```

Code	Description	Links
404	Task not found	No links

PUT

/tasks/{id}

Update task

Parameters

Cancel

Reset

Name	Description
id <small>* required</small>	Task ID
string (path)	<div>025c7b81-3d4f-4266-84b8-e662b1ecc37c</div>

Request body required

application/json

```
{
  "title": "Implementar API de Tareas",
  "description": "Desarrollar endpoints CRUD para gesti3n de Tareas",
  "status": "active",
  "priority": "high",
  "due_date": "2025-07-15T17:00:00Z",
  "completed_at": null,
  "cost": 1000,
  "assignedUserIds": [
    "a0000000-0000-0000-0000-000000000000",
    "e1a89996-c3ac-461f-9254-90f60bab422b"
  ],
  "category_id": "252ed736-77f7-4498-8fb1-dd268b1f497f"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  'http://localhost:3000/tasks/025c7b81-3d4f-4266-84b8-e662b1ecc37c' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
```

```
-d '{
  "title": "Implementar API de Tareas",
  "description": "Desarrollar endpoints CRUD para gestión de Tareas",
  "status": "active",
  "priority": "high",
  "due_date": "2025-07-15T17:00:00Z",
  "completed_at": null,
  "cost": 1000,
  "assignedUserIds": [
    "a00000000-0000-0000-0000-000000000000",
    "e1a89996-c3ac-461f-9254-90f60bab422b"
  ],
  "category_id": "252ed736-77f7-4498-8fb1-dd268b1f497f"
}'
```

Request URL

http://localhost:3000/tasks/025c7b81-3d4f-4266-84b8-e662b1ecc37c

Server response**Code****Details**

200

Response body

```
  name : viseno ,
  "color": "#8B5CF6"
},
"parent_task_id": null,
"started_at": null,
"created_by_name": "Plivia Porto",
"assignee_count": 1,
"completion_percentage": "0.00",
"assignees": [
  {
    "id": "e1a89996-c3ac-461f-9254-90f60bab422b",
    "name": "Geoffrey Riva Moraes Porto",
    "email": "geoffreyporto@puul.com",
    "avatar_url": null,
    "is_primary": false,
    "hours_allocated": null,
    "accepted_at": null
  }
],
"is_overdue": false,
"is_due_soon": false,
"assignedUserIds": [
  "e1a89996-c3ac-461f-9254-90f60bab422b"
]
}
```

Response headers

```
connection: keep-alive
content-length: 913
content-type: application/json; charset=utf-8
date: Wed, 02 Jul 2025 18:24:08 GMT
etag: W/"391-HcnVuaVqBIwmwlsj5mew7ihHbh8"
keep-alive: timeout=5
x-powered-by: Express
```

[Download](#)**Responses**

Code	Description	Links
200	<div>Task updated successfully</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "id": "string", "title": "string", "description": "string", "status": "active", "priority": 1, "dueDate": "string", "cost": 100, "estimated_hours": 8, "actual_hours": 10, "created_at": "string", "updated_at": "string", "completedAt": "string", "categoryId": "string", "category": {}, "parent_task_id": "string", "started_at": "string", "completed_at": "string", "created_by_name": "string", "assignedUserIds": ["string"], "assignees": [{}]}</pre></div>	No links
404	Task not found	No links

DELETE /tasks/{id} Delete task

Parameters

Cancel

Name	Description
<div>id * required</div> <div>string</div> <div>(path)</div>	<div>Task ID</div> <div>ccac972c-17e5-4782-bd61-d784ef0c9b5a</div>

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
  'http://localhost:3000/tasks/ccac972c-17e5-4782-bd61-d784ef0c9b5a' \
  -H 'accept: */*'
```

Request URL

http://localhost:3000/tasks/ccac972c-17e5-4782-bd61-d784ef0c9b5a

Server response

Code	Details
200	
Undocumented	<div>Response headers<div>connection: keep-alivecontent-length: 0date: Wed, 02 Jul 2025 18:26:24 GMTkeep-alive: timeout=5x-powered-by: Express</div></div>

Responses

Code	Description	Links
204	Task deleted successfully	No links
404	Task not found	No links

POST /tasks/{id}/assignments Assign task to users

Parameters

Cancel

Reset

Name	Description
id * required	Task ID
any (path)	025c7b81-3d4f-4266-84b8-e662b1ecc37c

Request body required

application/json

```
{
  "taskId": "025c7b81-3d4f-4266-84b8-e662b1ecc37c",
  "userId": "a0000000-0000-0000-0000-000000000000",
  "assignedBy": "e1a89996-c3ac-461f-9254-90f60bab422b"
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:3000/tasks/025c7b81-3d4f-4266-84b8-e662b1ecc37c/assignments' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "taskId": "025c7b81-3d4f-4266-84b8-e662b1ecc37c",
    "userId": "a0000000-0000-0000-0000-000000000000",
    "assignedBy": "e1a89996-c3ac-461f-9254-90f60bab422b"
  }'
```

Request URL

http://localhost:3000/tasks/025c7b81-3d4f-4266-84b8-e662b1ecc37c/assignments

Server response

Code	Details
201	<div>Response body</div> <pre>{ "id": "073f7695-88d3-492e-8343-76f697dd5700", "task_id": "025c7b81-3d4f-4266-84b8-e662b1ecc37c", "user_id": "a0000000-0000-0000-0000-000000000000", "assigned_at": "2025-07-02T18:37:27.962Z", "assigned_by": "e1a89996-c3ac-461f-9254-90f60bab422b", "is_primary": false, "hours_allocated": null, }</pre>

Code

Details

```
"notes": null,
"accepted_at": null,
"completed_at": null,
"is_active": true
}
```

Download

Response headers

```
connection: keep-alive
content-length: 348
content-type: application/json; charset=utf-8
date: Wed, 02 Jul 2025 18:37:28 GMT
etag: W/"15c-jTFDzfRyQVzqWZGScHm0lJ72d6M"
keep-alive: timeout=5
x-powered-by: Express
```

Responses

Code

Description

Links

201	Task assigned successfully
404	Task or user not found

No links
No links

Schemas



CreateUserDto

User

Object

UserWithStatsDto

UpdateUserDto

CreateTaskDto

TaskResponseDto

UpdateTaskDto

CreateAssignmentDto