To-Do List API curl commands

**GET Method Successful Requests**

**Access API**

curl http://localhost:3000

Hello, this is the To Do List API using a PostgreSQL database!

**Access list of tasks**

curl http://localhost:3000/tasks

[{"id":1,"completed":false,"name":"Plan out dinners"}]

**Access a specific task using ID**

curl http://localhost:3000/todos/1

{"message":"Task: Plan out dinners with ID: 1 and completion status 'false' found successfully!"}

**Access tasks with completion status set to false**

curl http://localhost:3000/todos?completed=false

{"message":"Tasks with the completion status of 'false' are shown below: ","filteredTodos":[{"id":1,"task":"Plan out dinners","completed":false},{"id":2,"task":"Go to Wegmans","completed":false}]}

**GET Method Unsuccessful Requests**

**Access tasks when no tasks are present in the list**

curl http://localhost:3000/todos

{"message":"No to-do items found, check request!"}

**Access a task using a specific ID when the list has zero tasks**

curl http://localhost:3000/todos/1

{"message":"No to-do item found, check ID request!"}

**Access a task using a specific ID which is not present in the list**

curl http://localhost:3000/todos/2

{"message":"To-do item with ID: 2 is not found"}

**Access tasks with completion status set to true when no tasks are set to true**

curl http://localhost:3000/todos?completed=true

{"message":"No tasks match your completion status: 'true'"}

**POST Method Successful Requests**

**Add an additional task**

curl -X POST http://localhost:3000/todos -H "Content-Type: application/json" -d "{\"task\": \"Plan out APIs\"}"

{"message":"Task: Plan out APIs added successfully! ID: 3, Status: false"}

**POST Method Unsuccessful Requests**

curl -X POST http://localhost:3000/todos -H "Content-Type: application/json" -d "{\"task\": 123}"

{"message":"Task is required and must be a string"}

curl -X POST http://localhost:3000/todos -H "Content-Type: application/json" -d "{}"

{"message":"Task is required and must be a string"}

**PUT Method Successful Requests**

**Update task with ID 1 to have completion status set to true**

curl -X PUT http://localhost:3000/todos/1 -H "Content-Type: application/json" -d "{\"completed\": true}"

{"message":"Task: Plan out dinners updated successfully! ID: 1, Status: 'true'"}

**Update task with ID 1 to have a different name**

curl -X PUT http://localhost:3000/todos/1 -H "Content-Type: application/json" -d "{\"task\": \"Make Dinners\"}"

{"message":"Task: Make Dinners updated successfully! ID: 1, Status: 'false'"}

**Update task with ID 2 to have a completion status of true**

curl -X PUT http://localhost:3000/todos/2 -H "Content-Type: application/json" -d "{\"completed\": true}"

{"message":"Task updated successfully!","task":{"id":2,"task":"Go to Wegmans","completed":true}}

**PUT Method Unsuccessful Requests**

**Update a task with ID 4 when no task has an ID value of 4**

curl -X PUT http://localhost:3000/todos/4 -H "Content-Type: application/json" -d "{\"task\": \"Make Dinners\"}"

{"message":"To-do item with ID: 4 is not found"}

**DELETE Method Successful Requests**

**Delete a task using the task ID**

curl -X DELETE http://localhost:3000/todos/1

{"message":"Task: Make Dinners with ID: 1 and Status: 'false', deleted successfully!"}

**Delete multiple tasks at once using their task IDs**

curl -X DELETE http://localhost:3000/todos -H "Content-Type: application/json" -d "{\"ids\":[2,4]}"

{"message":"To-do items deleted successfully","deletedTodos":[{"id":2,"task":"Go to Wegmans","completed":true},{"id":4,"task":"Plan out APIs","completed":false}]}

**DELETE Method Unsuccessful Requests**

**Delete a task using the task ID when the ID value is not present in the list**

curl -X DELETE http://localhost:3000/todos/4

{"message":"To-do item with ID: 4 not found"}