

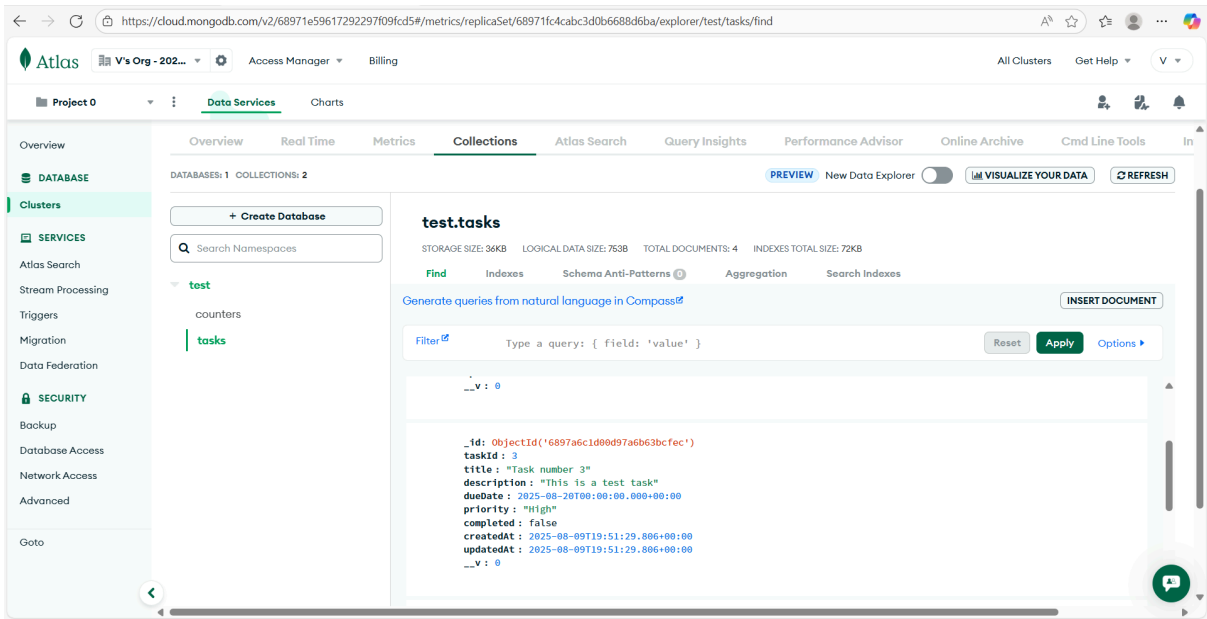
**Soft Nexis - Task 4: Database Integration (MongoDB/Mongoose)**

**Project Name: TaskFlow DB**

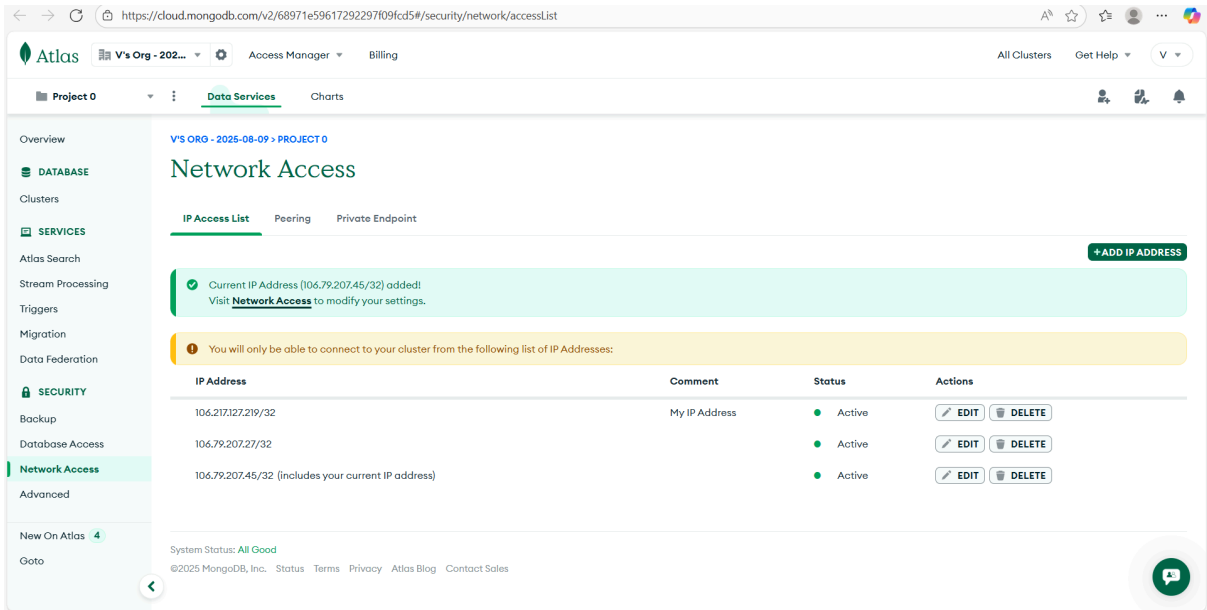
**Tagline: Cloud-powered data persistence for task management**

**Submitted By: Varsha Shivanand K**

**MongoDB Atlas Cluster Screenshot**

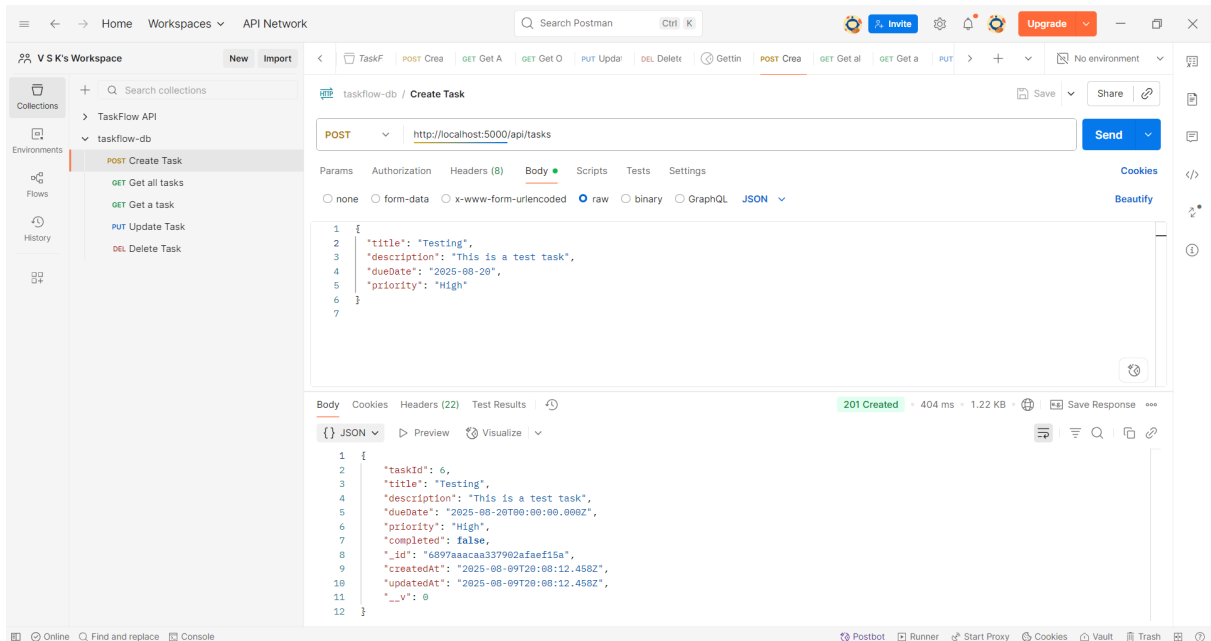


**MongoDB Network Access**

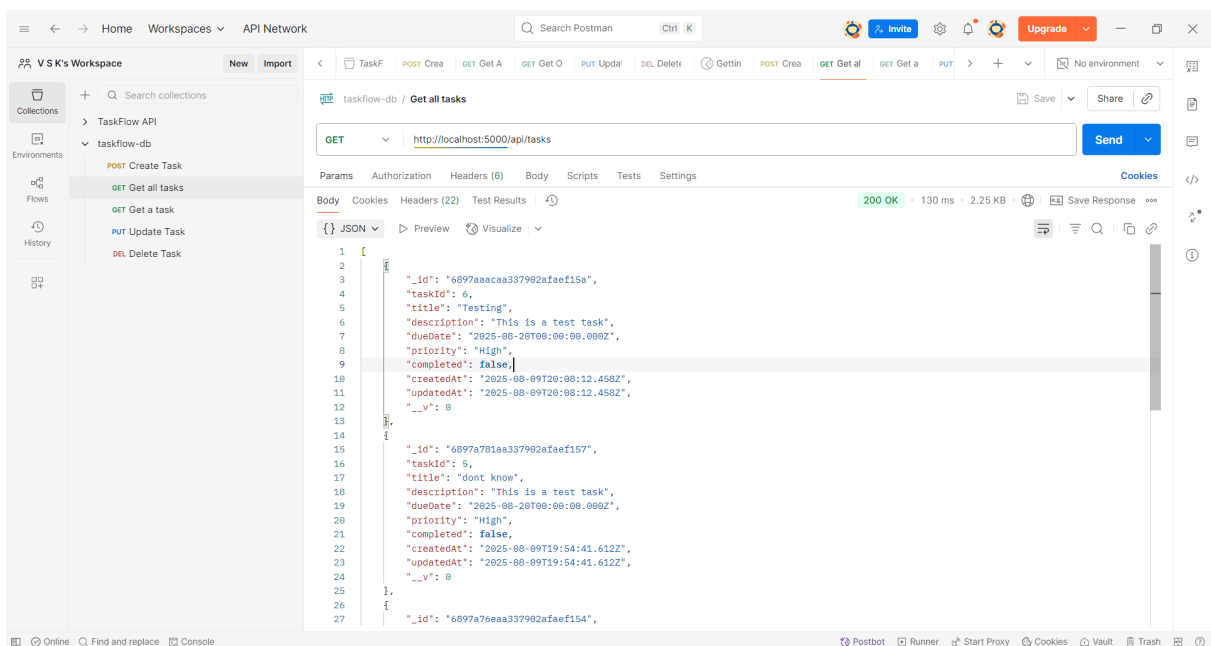


# Postman Test

- **POST - Create Task**



- **GET - All Tasks**



- **GET - Get A Task**

The screenshot shows the Postman interface with a workspace named "VSK's Workspace". The left sidebar shows a collection named "taskflow-db" with several endpoints. The main panel displays a GET request to "http://localhost:5000/api/tasks/3". The response is a 200 OK status with a JSON body containing task details.

taskflow-db / Get a task

GET http://localhost:5000/api/tasks/3

Params Authorization Headers (6) Body Scripts Tests Settings

Query Params

| Key | Value | Description |
|-----|-------|-------------|
| Key | Value | Description |

Body Cookies Headers (22) Test Results

200 OK · 115 ms · 1.23 KB

JSON Preview Visualize

```
1 {
2   "_id": "6897a6c1d98d97a6b63bcfec",
3   "taskId": 3,
4   "title": "Task number 3",
5   "description": "This is a test task",
6   "dueDate": "2025-08-26T08:08:08.000Z",
7   "priority": "High",
8   "completed": false,
9   "createdAt": "2025-08-09T19:51:29.896Z",
10  "updatedAt": "2025-08-09T19:51:29.896Z",
11  "__v": 0
12 }
```

- **PUT - Update a task**

The screenshot shows the Postman interface with a workspace named "VSK's Workspace". The left sidebar shows a collection named "taskflow-db" with several endpoints. The main panel displays a PUT request to "http://localhost:5000/api/tasks/1". The response is a 200 OK status with a JSON body containing updated task details.

taskflow-db / Update Task

PUT http://localhost:5000/api/tasks/1

Params Authorization Headers (8) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "taskId": 1,
3   "title": "random"
4 }
```

Body Cookies Headers (22) Test Results

200 OK · 85 ms · 1.22 KB

JSON Preview Visualize

```
1 {
2   "_id": "6897a44c52e42aac3cb221dd",
3   "taskId": 1,
4   "title": "random",
5   "description": "This is a test task",
6   "dueDate": "2025-08-26T08:08:08.000Z",
7   "priority": "High",
8   "completed": false,
9   "createdAt": "2025-08-09T19:41:00.473Z",
10  "updatedAt": "2025-08-09T19:44:09.882Z",
11  "__v": 0
12 }
```

- **DELETE - Remove a task**

The screenshot shows the Postman interface with a workspace named "VSK's Workspace". The left sidebar displays a collection of API requests under "taskflow-db", including "POST Create Task", "GET Get all tasks", "GET Get a task", "PUT Update Task", and "DEL Delete Task". The "DEL Delete Task" request is selected and expanded in the main panel. The request is a DELETE method to the URL "http://localhost:5000/api/tasks/3". The "Query Params" section is empty. The response is "204 No Content" with a status of "123 ms" and "888 B". The response body is empty, and the "Raw" tab is selected.

taskflow-db / Delete Task

DELETE  Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

| Key | Value | Description |
|-----|-------|-------------|
| Key | Value | Description |

Body Cookies Headers (19) Test Results Test Results

204 No Content 123 ms 888 B Save Response

Raw Preview Visualize

1

The screenshot shows the Postman interface with a workspace named "VSK's Workspace". The left sidebar displays a collection of API requests under "taskflow-db", including "POST Create Task", "GET Get all tasks", "GET Get a task", "PUT Update Task", and "DEL Delete Task". The "DEL Delete Task" request is selected and expanded in the main panel. The request is a DELETE method to the URL "http://localhost:5000/api/tasks/3". The "Query Params" section is empty. The response is "204 No Content" with a status of "123 ms" and "888 B". The response body is empty, and the "Raw" tab is selected.

taskflow-db / Delete Task

DELETE  Send

Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

| Key | Value | Description |
|-----|-------|-------------|
| Key | Value | Description |

Body Cookies Headers (19) Test Results Test Results

204 No Content 123 ms 888 B Save Response

Raw Preview Visualize

1