

# MongoDB data

Cluster

Overview

Data Explorer

Real Time

Cluster Metrics

Query Insights

Performance Advisor

Online Archive

Command Line Tools

Infrastructure as Code

SHORTCUTS

Search & Vector Search

ORGANIZATION  
Maxim's Org - 2025-L...

PROJECT  
Project 0

CLUSTER  
Cluster0

VERSION  
8.0.16

REGION  
AZURE Toronto (canadacentral)

Back to Clusters

Data

Cluster0

DATABASES: 1 COLLECTIONS: 2

Create Database

Search Namespaces

comp3123\_assignment1

employees

users

comp3123\_assignment1.employees

STORAGE SIZE: 36KB LOGICAL DATA SIZE: 642B TOTAL DOCUMENTS: 3 INDEXES TOTAL SIZE: 72KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

Generate queries from natural language in Compass

INSERT DOCUMENT

Filter Type a query: { field: 'value' }

Reset Apply Options

QUERY RESULTS: 1-3 OF 3

```
{
  "_id": ObjectId("692c0be21a9da958c646b5d7"),
  "first_name": "Max",
  "last_name": "Tran",
  "email": "max.tran@bc.ca",
  "position": "SAC",
  "salary": 12312312,
  "date_of_joining": 2015-12-12T00:00:00.000+00:00,
  "department": "IT",
  "photo": Binary.createFromBase64("/9j/4AAQSkZJRgABAQEAASABIAAD/4gIsUNDXIDSTOZ3TEUAAQEAAMIAAAAAQwAABtnRykdCfH2WIAAAAAAAAAAAAAAAAAABh...", 0),
  "photoType": "image/jpeg",
  "createdAt": 2025-11-30T09:18:26.350+00:00,
  "updatedAt": 2025-11-30T09:24:27.250+00:00,
  "__v": 0
}
```

```
{
  "_id": ObjectId("692c228e4aa4f49b0e349cc6"),
  "first_name": "Jane (Edited)",
  "last_name": "Doe (Edited)",
  "email": "janedoe@gmail.com",
  "position": "SAC",
  "salary": 213213,
  "date_of_joining": 2015-12-12T00:00:00.000+00:00,
  "department": "IT",
  "photo": Binary.createFromBase64("/9j/4AAQSkZJRgABAQEAASABIAAD/4gIsUNDXIDSTOZ3TEUAAQEAAMIAAAAAQwAABtnRykdCfH2WIAAAAAAAAAAAAAAAAAABh...", 0),
  "photoType": "image/jpeg",
  "createdAt": 2025-11-30T10:55:19.197+00:00
}
```

# REST API tests with Postman

Assignment1 / **api/v1/emp/employees/{eid}**

**DELETE** `https://101490785-comp3123-assignment2-back.vercel.app/api/v1/emp/employees/692c1e894aa4f49b0e349cb1` **Send**

Docs Params **Authorization** Headers (8) Body Scripts Settings Cookies

Auth Type: **Bearer Token** Token: `1-LXZstvrZjCjA2aoRpbSpPZxJlIdoA`

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

Body Cookies Headers (9) Test Results **204 No Content** · 146 ms · 407 B · Save Response

Raw Preview Visualize

1

Assignment1 / **api/v1/emp/employees/search**

**GET** `https://101490785-comp3123-assignment2-back.vercel.app/api/v1/emp/employees/search?department=Engineering` **Send**

Docs Params **Authorization** Headers (8) Body Scripts Settings Cookies

Auth Type: **Bearer Token** Token: `q-Y69ESS4_xjC8R-84UH-8D1X1R1Y`

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

Body Cookies Headers (12) Test Results **200 OK** · 245 ms · 853 B · Save Response

JSON Preview Visualize

```
1 {
2   "status": true,
3   "data": [
4     {
5       "id": "692c1e894aa4f49b0e349cb1",
6       "first_name": "Jane (Edited)",
7       "last_name": "Doe",
8       "email": "jane.doe@example.com",
9       "position": "Software Engineer",
10      "salary": 90000,
11      "date_of_joining": "2023-08-01T00:00:00.000Z",
12      "department": "Engineering",
13      "createdAt": "2025-11-30T10:38:01.258Z",
14      "updatedAt": "2025-11-30T10:43:56.443Z",
15      "__v": 0
16    }
17  ]
18 }
```

Assignment1 / **api/v1/emp/employees/{eid}**

**PUT** `https://101490785-comp3123-assignment2-back.vercel.app/api/v1/emp/employees/692c1e894aa4f49b0e349cb1` **Send**

Docs Params **Authorization** Headers (10) **Body** Scripts Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON**

Schema Beautify

```
1 {
2   "first_name": "Jane (Edited)",
3   "last_name": "Doe",
4   "email": "jane.doe@example.com",
5   "position": "Software Engineer",
6   "salary": 90000,
7   "date_of_joining": "2023-08-01T00:00:00.000Z",
8   "department": "Engineering"
9 }
```

Body Cookies Headers (12) Test Results **200 OK** · 265 ms · 574 B · Save Response

JSON Preview Visualize

```
1 {
2   "status": true,
3   "message": "Employee details updated successfully."
4 }
```

Assignment1 / **api/v1/emp/employees(eld)**

GET

https://101490785-comp3123-assignment2-back.vercel.app/api/v1/emp/employees/692c1e894aa4f49b0e349cb1

Send

Docs

Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

Auth Type

Bearer Token

Token

1-LXZstvrZjCjA2aoORpBSpPZxJlIdoA

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

Body

Cookies

Headers (12)

Test Results

200 OK

226 ms

763 B

Save Response

JSON

Preview

Visualize

```
1 {
2   "status": true,
3   "data": {
4     "employee_id": "692c1e894aa4f49b0e349cb1",
5     "first_name": "Jane",
6     "last_name": "Doe",
7     "email": "jane.doe@example.com",
8     "position": "Software Engineer",
9     "salary": 90000,
10    "date_of_joining": "2023-08-01T00:00:00.000Z",
11    "department": "Engineering"
12  }
13 }
```

Assignment1 / **api/v1/emp/employees**

GET

https://101490785-comp3123-assignment2-back.vercel.app/api/v1/emp/employees

Send

Docs

Params

Authorization

Headers (8)

Body

Scripts

Settings

Cookies

Auth Type

Bearer Token

Token

1-LXZstvrZjCjA2aoORpBSpPZxJlIdoA

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

Body

Cookies

Headers (12)

Test Results

200 OK

187 ms

971 B

Save Response

JSON

Preview

Visualize

```
1 {
2   "status": true,
3   "data": [
4     {
5       "employee_id": "692c0be21a9da958c646b5d7",
6       "first_name": "Max",
7       "last_name": "Tran",
8       "email": "max.tran@abc.ca",
9       "position": "SWE",
10      "salary": 12312312,
11      "date_of_joining": "2015-12-12T00:00:00.000Z",
12      "department": "IT"
13    },
14    {
15      "employee_id": "692c1e894aa4f49b0e349cb1",
16      "first_name": "Jane",
17      "last_name": "Doe",
18      "email": "jane.doe@example.com",
19      "position": "Software Engineer",
20      "salary": 90000,
21      "date_of_joining": "2023-08-01T00:00:00.000Z",
22      "department": "Engineering"
23    }
24  ]
25 }
```

Assignment1 / **api/v1/emp/employees (1)**

POST

https://101490785-comp3123-assignment2-back.vercel.app/api/v1/emp/employees

Send

Docs

Params

Authorization

Headers (10)

Body

Scripts

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Schema

Beautify

```
1 {
2   "first_name": "Jane",
3   "last_name": "Doe",
4   "email": "jane.doe@example.com",
5   "position": "Software Engineer",
6   "salary": 90000,
7   "date_of_joining": "2023-08-01T00:00:00.000Z",
8   "department": "Engineering"
9 }
```

Body

Cookies

Headers (12)

Test Results

201 Created

312 ms

612 B

Save Response

JSON

Preview

Visualize

```
1 {
2   "status": true,
3   "message": "Employee created successfully.",
4   "employee_id": "692c1e894aa4f49b0e349cb1"
5 }
```

Assignment1 / /api/v1/user/login

POST https://101490785-comp3123-assignment2-back.vercel.app/api/v1/user/login

Send

Docs Params Authorization Headers (9) Body Scripts Settings

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

Schema Beautify

```
1 {
2   "email": "chanxin@gmail.com",
3   "password": "password123"
4 }
```

Body Cookies Headers (12) Test Results

200 OK · 251 ms · 766 B

Save Response

JSON Preview Visualize

```
1 {
2   "status": true,
3   "message": "Login successful.",
4   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZiJY5HhMxZDK0NGFhNGY0OWIwZTM0OWNhYyIsInVzZXUwYm11Ijoiey2hhbm14aW091CjpyYXQ10jE3NjQ0OTg5NDIsImV4cCI6MTc2NDU0NTM0Mn0.5Q051eMRol-1-LXZstvrzjCjA2ao0RpBSpF2xJ11doA"
5 }
```

Assignment1 / /api/v1/user/signup

POST https://101490785-comp3123-assignment2-back.vercel.app/api/v1/user/signup

Send

Docs Params Authorization Headers (9) Body Scripts Settings

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

Schema Beautify

```
1 {
2   "username": "chanxin",
3   "email": "chanxin@gmail.com",
4   "password": "password123"
5 }
```

Body Cookies Headers (12) Test Results

201 Created · 315 ms · 604 B

Save Response

JSON Preview Visualize

```
1 {
2   "status": true,
3   "message": "User created successfully.",
4   "user_id": "692c1d944aad4f9b0e349cac"
5 }
```

# Frontend CRUD operations

frontend x +

101490785-comp3123-assignment2-fron.vercel.app/signup

Employee Management Login Signup

Create an account

Username

test1

Email

test1@domain.com

Password

\*\*\*\*\*

Sign Up

Proceed to Login

frontend x +

101490785-comp3123-assignment2-fron.vercel.app/login

Employee Management Login Signup

Login to your account

Email

test1@domain.com

Password

\*\*\*\*\*

Login

Proceed to Sign up

### Employee Directory

Search

Add Employee

Full Name	Department	Email	Actions
Max Tran	IT	max.tran@gbc.ca	...
Jane (Edited) Doe (Edited)	IT	janedoe@gmail.com	...
Violetta Evergarden	Marketing	vio@gmail.com	...

frontend

101490785-comp3123-assignment2-fron.vercel.app/add

Employee Management

DashboardLogout

### Add New Employee

#### Personal Details

First Name

Last Name

jane

Doe

Email

jane.doe@gmail.com

#### Employment Details

Position

Department

SWE

IT

Annual Salary (\$)

Date of joining

213213

12/12/2015

Upload Photo

Choose file s2.png

Cancel

Add Employee

frontend

101490785-comp3123-assignment2-fron.vercel.app/details/692c228e4aa4f49b0e349cc6

Jane Doe

Employee ID:

Redux Counter

2

Contact & Personal

Emailjanedoe@gmail.com

Employment Details

PositionSWE

DepartmentIT

Salary213213

Date of joining2015-12-12

Back to Dashboard

Delete

Edit Details

frontend

101490785-comp3123-assignment2-fron.vercel.app/update/692c228e4aa4f49b0e349cc6

Edit Details for Employee ID:  
692c228e4aa4f49b0e349cc6

Personal Details

First Name

Last Name

jane (Edited)

Doe (Edited)

Email

janedoe@gmail.com

Employment Details

Position

Department

SWE

IT

Annual Salary (\$)

Date of joining

213213

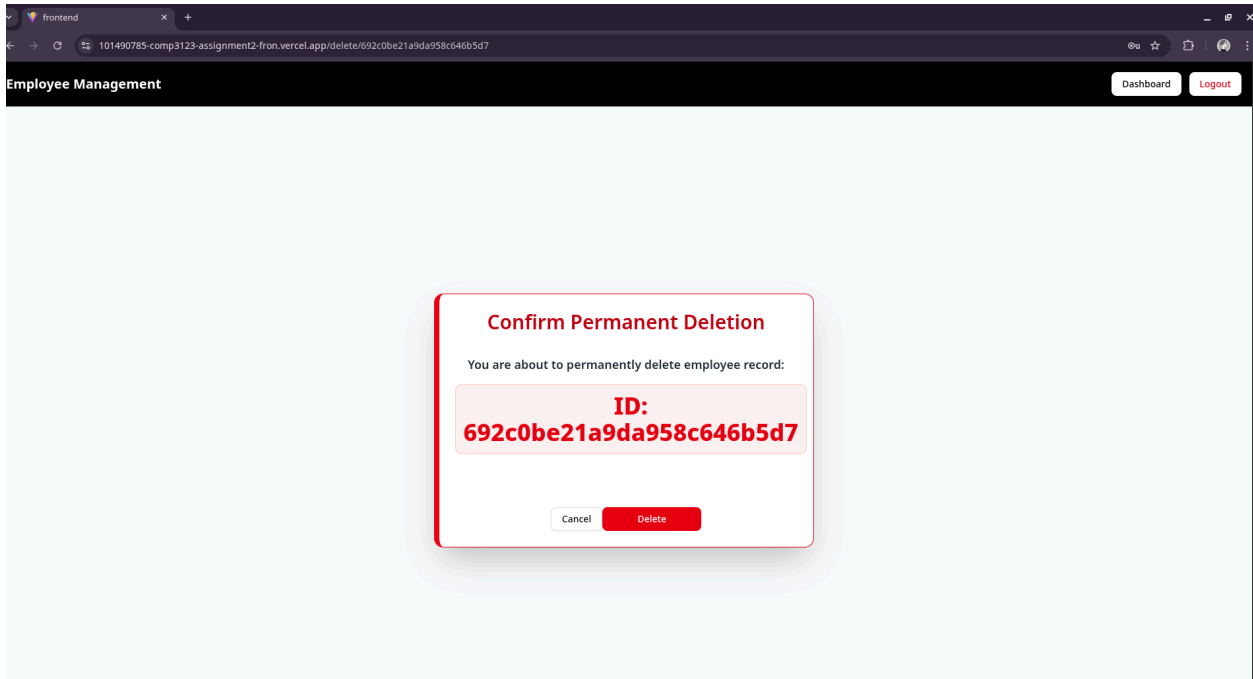
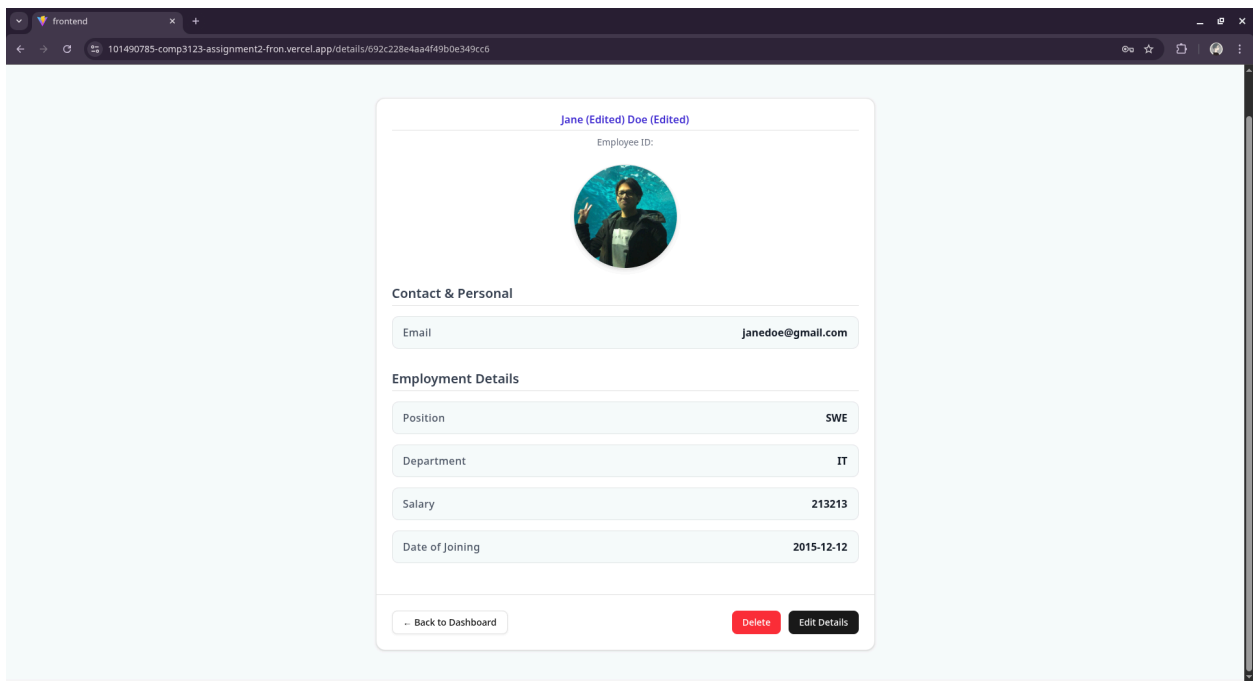
12/12/2015

Upload Photo

Choose file my\_photo.jpg

Cancel

Update





# Search Screen

