

Mongodb database

Atlas

Maxim's Org...

Access Manager

Billing

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Project 0

Data ServicesCharts

Overview

DATABASE

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Atlas Search

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Quickstart

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Advanced

Oato

MAXIM'S ORG - 2025-10-07 > PROJECT 0 > DATABASES

ClusterO

VERSION8.0.15

REGIONAZURE Toronto (canadacentral)

OverviewReal TimeMetricsCollectionsAtlas SearchQuery InsightsPerformance AdvisorOnline ArchiveCmd Line ToolsInfrastructure As Code

DATABASES: 1COLLECTIONS: 2

PREVIEWNew Data ExplorerVISUALIZE YOUR DATAREFRESH

+ Create Database

Search Namespaces

comp3123_assignment1

employees

users

Oato

comp3123_assignment1.employees

STORAGE SIZE: 36KBLOGICAL DATA SIZE: 479BTOTAL DOCUMENTS: 2INDEXES TOTAL SIZE: 72KB

FindIndexesSchema Anti-PatternsAggregationSearch Indexes

Generate queries from natural language in Compass

INSERT DOCUMENT

FilterType a query: { field: 'value' }

ResetApplyOptions

QUERY RESULTS: 1-2 OF 2

```
{
  "_id": ObjectId("68e892d29848964f373a7b68"),
  "first_name": "Jane",
  "last_name": "Doe",
  "email": "jane.doe@example.com",
  "position": "Software Engineer",
  "salary": 90000,
  "date_of_joining": "2023-08-01T00:00:00.000+00:00",
  "department": "Engineering",
  "createdAt": "2025-10-10T05:00:02.642+00:00",
  "updatedAt": "2025-10-10T05:00:02.642+00:00",
  "__v": 0
}
```

```
{
  "_id": ObjectId("68e8a8a716c1944985ebba7"),
  "first_name": "Alice",
  "last_name": "Johnson",
  "email": "alice.johnson@example.com",
  "position": "Senior Designer",
  "salary": 95000,
  "date_of_joining": "2023-08-10T00:00:00.000+00:00",
  "department": "Design",
  "createdAt": "2025-10-10T05:59:03.235+00:00",
  "updatedAt": "2025-10-10T06:17:05.958+00:00",
  "__v": 0
}
```

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Search Namespaces

comp3123_assignment1

employees

users

Oato

comp3123_assignment1.users

STORAGE SIZE: 30KBLOGICAL DATA SIZE: 197BTOTAL DOCUMENTS: 1INDEXES TOTAL SIZE: 106KB

FindIndexesSchema Anti-PatternsAggregationSearch Indexes

Generate queries from natural language in Compass

INSERT DOCUMENT

FilterType a query: { field: 'value' }

ResetApplyOptions

QUERY RESULTS: 1-1 OF 1

```
{
  "_id": ObjectId("68e892d29848964f373a7b63"),
  "username": "john DOE",
  "email": "john.doe@example.com",
  "password": "123x1851g0A802aAMu0aujdw01SMU1n0.1hYGokqfQa0tbcyMZZZ5.e",
  "createdAt": "2025-10-10T04:57:15.957+00:00",
  "updatedAt": "2025-10-10T04:57:15.957+00:00",
  "__v": 0
}
```

Users (signup/login)

Assignment1 / `/api/v1/user/signup`

POST `http://localhost:3000/api/v1/user/signup` Send

Params Authorization Headers (9) Body Scripts Settings Cookies

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

Schema Beautify

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

Body Cookies Headers (7) Test Results 201 Created • 299 ms • 331 B Save Response

JSON Preview Visualization

```
1 {
2   "status": true,
3   "message": "User created successfully.",
4   "user_id": "68e8922b9840964f373a7b63"
5 }
```

Assignment1 / `/api/v1/user/login`

POST `http://localhost:3000/api/v1/user/login` Send

Params Authorization Headers (9) Body Scripts Settings Cookies

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

Schema Beautify

```
1 {
2   "username": "johndoe",
3   "password": "password123"
4 }
```

Body Cookies Headers (7) Test Results 200 OK • 56 ms • 318 B Save Response

JSON Preview Visualization

```
1 {
2   "status": true,
3   "message": "Login successful.",
4   "jwt_token": "Optional implementation"
5 }
```

Employees(getAllEmployees, createEmployee, getEmployeeById)

Assignment1 / **api/v1/emp/employees** Save Share

GET ▼ http://localhost:3000/api/v1/emp/employees Send ▼

Params Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (7) Test Results ↻

200 OK · 14 ms · 717 B Save Response ⋮

{} JSON ▼ Preview Visualization

```
1 {
2   "status": true,
3   "data": [
4     {
5       "employee_id": "68e892d29840964f373a7b68",
6       "first_name": "Jane",
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    },
14    {
15      "employee_id": "68e892eb9840964f373a7b6e",
16      "first_name": "Alice",
17      "last_name": "Johnson",
18      "email": "alice.johnson@example.com",
19      "position": "Designer",
20      "salary": 85000,
21      "date_of_joining": "2023-08-10T00:00:00.000Z",
22      "department": "Design"
23    }
24  ]
25 }
```

Assignment1 / **api/v1/emp/employees (2)** Save Share

POST ▼ http://localhost:3000/api/v1/emp/employees Send ▼

Params Authorization Headers (9) Body + Scripts Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▼ Schema Beautify

```
1 {
2   "first_name": "Alice",
3   "last_name": "Johnson",
4   "email": "alice.johnson@example.com",
5   "position": "Designer",
6   "salary": 85000,
7   "date_of_joining": "2023-08-10T00:00:00.000Z",
8   "department": "Design"
9 }
```

Body Cookies Headers (7) Test Results ↻

201 Created · 30 ms · 339 B Save Response ⋮

{} JSON ▼ Preview Visualization

```
1 {
2   "status": true,
3   "message": "Employee created successfully.",
4   "employee_id": "68e892eb9840964f373a7b6e"
5 }
```

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

GET ▼ http://localhost:3000/api/v1/emp/employees/68e892eb9840964f373a7b6e Send ▼

Params Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (7) Test Results ↻

200 OK · 15 ms · 484 B Save Response ⋮

{} JSON ▼ Preview Visualization

```
1 {
2   "status": true,
3   "data": {
4     "employee_id": "68e892eb9840964f373a7b6e",
5     "first_name": "Alice",
6     "last_name": "Johnson",
7     "email": "alice.johnson@example.com",
8     "position": "Designer",
9     "salary": 85000,
10    "date_of_joining": "2023-08-10T00:00:00.000Z",
11    "department": "Design"
12  }
13 }
```

Employees(updateEmployee, deleteEmployee)

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

PUT **Send** [Save](#) [Share](#)

Params Authorization Headers (9) **Body** Scripts Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON [Schema](#) [Beautify](#)

```
1 {
2   "position": "Senior Designer",
3   "salary": 95000
4 }
```

Body Cookies Headers (7) Test Results [↻](#)

200 OK · 24 ms · 301 B [Save Response](#)

JSON [Preview](#) [Visualization](#)

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

Assignment1 / **api/v1/emp/employees?eid=xxx**

DELETE **Send** [Save](#) [Share](#)

Params Authorization Headers (7) **Body** Scripts Settings Cookies

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> eid	68e892eb9840964f373a7b6e	Type

Body Cookies Headers (4) Test Results [↻](#)

204 No Content · 21 ms · 134 B [Save Response](#)

Raw [Preview](#) [Visualization](#)

```
1
```

Example of error validation (request body)

Assignment1 / **api/v1/emp/employees (2)**

POST **Send** [Save](#) [Share](#)

Params Authorization Headers (9) **Body** Scripts Settings Cookies

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON [Schema](#) [Beautify](#)

```
1 {
2   "first_name": "Alice",
3   "last_name": "Johnson",
4   "email": "alice.johnson@example.com",
5   "position": "Designer",
6   "salary": -85000,
7   "date_of_joining": "2023-08-10T00:00:00.000Z",
8   "department": "Design"
9 }
```

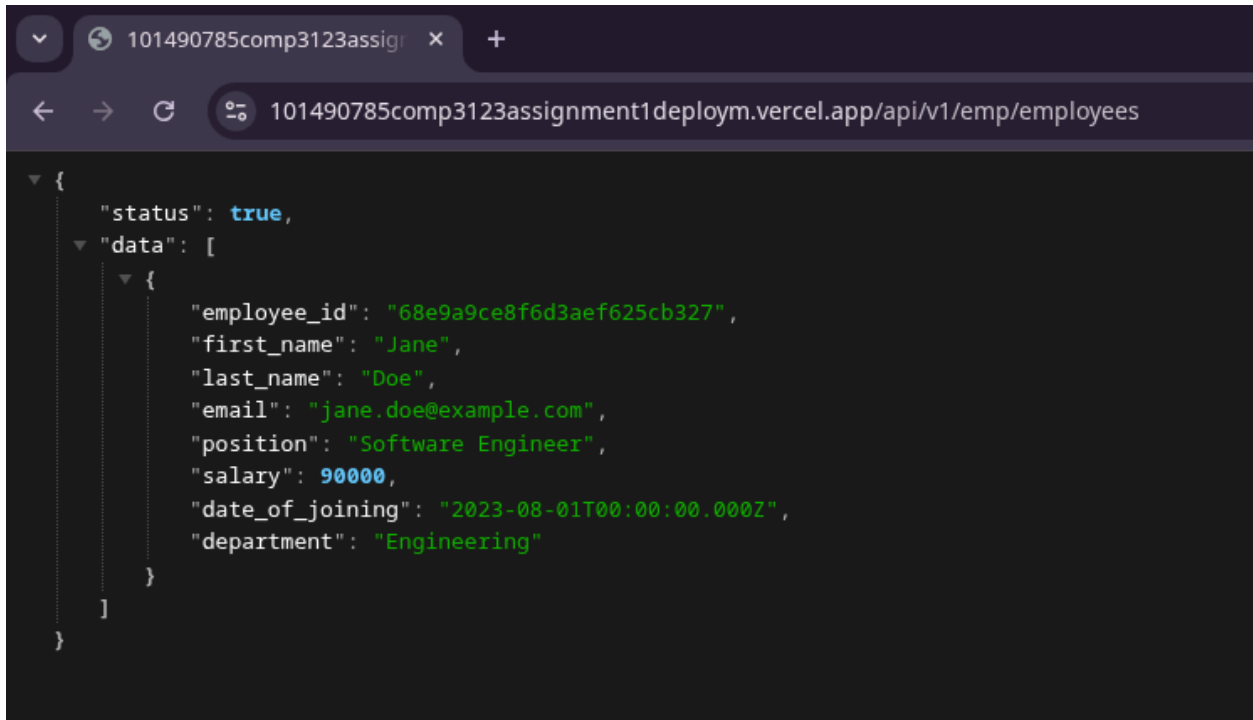
Body Cookies Headers (7) Test Results [↻](#)

400 Bad Request · 3 ms · 473 B [Save Response](#)

JSON [Preview](#) [Visualization](#)

```
1 {
2   "status": false,
3   "message": "Invalid user entry",
4   "errors": [
5     {
6       "type": "field",
7       "msg": "Salary is required",
8       "path": "salary",
9       "location": "body"
10    },
11    {
12      "type": "field",
13      "msg": "Salary must be a positive number",
14      "path": "salary",
15      "location": "body"
16    }
17  ]
18 }
```

Proof that deployment works



A screenshot of a web browser window. The address bar shows the URL `101490785comp3123assignment1deploym.vercel.app/api/v1/emp/employees`. The browser displays a JSON response from a REST client. The response is a JSON object with a `status` field set to `true` and a `data` field containing an array of employee objects. The first object in the array represents Jane Doe, a Software Engineer with a salary of 90000, who joined on 2023-08-01.

```
{
  "status": true,
  "data": [
    {
      "employee_id": "68e9a9ce8f6d3aef625cb327",
      "first_name": "Jane",
      "last_name": "Doe",
      "email": "jane.doe@example.com",
      "position": "Software Engineer",
      "salary": 90000,
      "date_of_joining": "2023-08-01T00:00:00.000Z",
      "department": "Engineering"
    }
  ]
}
```