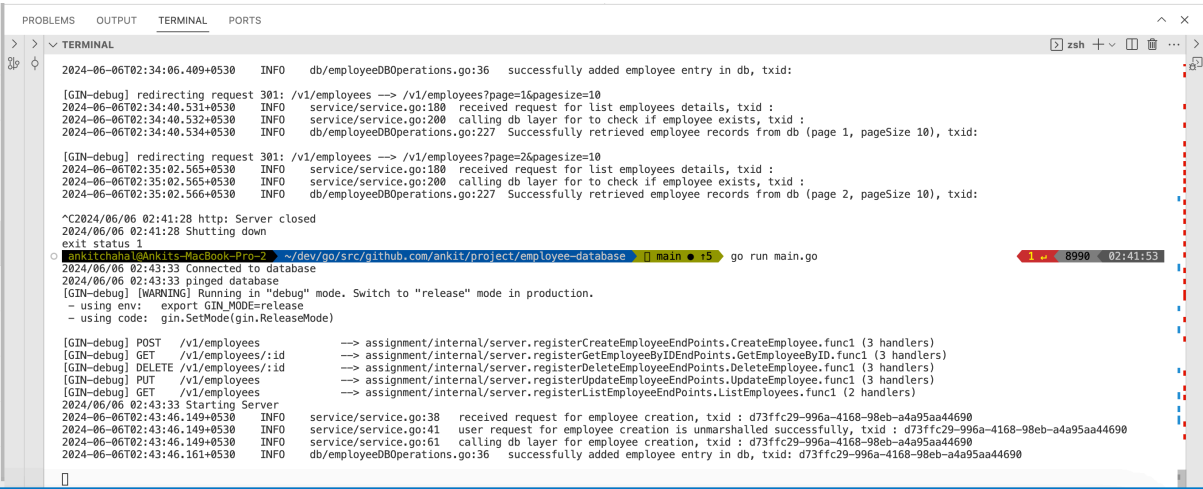


Create Employee record : happy path



DB Entry

```
10 CREATE TABLE employees (  
11     id SERIAL PRIMARY KEY,  
12     name VARCHAR(255) NOT NULL,  
13     position VARCHAR(255) NOT NULL,  
14     salary NUMERIC(15, 2) NOT NULL,  
15     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
16     last_updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
17 );  
18  
19 select * from employees;  
20  
21 delete from employees;
```

Data OutputMessagesNotifications

	id [PK] integer	name character varying (255)	position character varying (255)	salary numeric (15,2)	created_at timestamp without time zone	last_updated_at timestamp without time zone
7	16	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.152032	2024-06-06 02:34:05.152032
8	17	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.295537	2024-06-06 02:34:05.295537
9	18	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.433247	2024-06-06 02:34:05.433247
10	19	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.570642	2024-06-06 02:34:05.570642
11	20	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.705543	2024-06-06 02:34:05.705543
12	21	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.844437	2024-06-06 02:34:05.844437
13	22	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.979693	2024-06-06 02:34:05.979693
14	23	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:06.106367	2024-06-06 02:34:06.106367
15	24	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:06.247085	2024-06-06 02:34:06.247085
16	25	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:06.409052	2024-06-06 02:34:06.409052
17	26	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:43:46.157698	2024-06-06 02:43:46.157698

Create employee record : sad path

Name is missing

POST http://0.0.0.0:8080/v1/employees

Send

Query Headers 2 Auth Body 1 Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content

Format

```
1 {
2   "position": "Sr. Software Engineer",
3   "salary": 1223444.02
4 }
```

Status: 400 Bad Request Size: 96 Bytes Time: 12 ms

Response Headers 4 Cookies Results Docs

```
1 {
2   "code": 400,
3   "message": "employee name is missing",
4   "trace": "93cb1c69-595a-40c7-9152-0a18a856ac3a"
5 }
```

Position is missing

POST http://0.0.0.0:8080/v1/employees

Send

Query Headers 2 Auth Body 1 Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content

Format

```
1 {
2   "name": "Ankit Chahal",
3   "salary": 1223444.02
4 }
```

Status: 400 Bad Request Size: 100 Bytes Time: 6 ms

Response Headers 4 Cookies Results Docs

```
1 {
2   "code": 400,
3   "message": "employee position is missing",
4   "trace": "cd6d1481-4393-4275-af8c-12fdea4aa8f3"
5 }
```

Salary is missing

POST http://0.0.0.0:8080/v1/employees

Send

Query Headers 2 Auth Body 1 Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content

Format

```
1 {
2   "name": "Ankit Chahal",
3   "position": "Sr. Software Engineer"
4 }
```

Status: 400 Bad Request Size: 98 Bytes Time: 6 ms

Response Headers 4 Cookies Results Docs

```
1 {
2   "code": 400,
3   "message": "employee salary is missing",
4   "trace": "78e58fed-827e-4418-b633-086e7b05db53"
5 }
```

Invalid body

POST http://0.0.0.0:8080/v1/employees

Send

Query Headers 2 Auth Body 1 Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content

Format

```
1 {
2   "name": "Ankit Chahal",
3   "position": "Sr. Software Engineer"
4   "salary": 1223444.02
5 }
```

Status: 400 Bad Request Size: 94 Bytes Time: 6 ms

Response Headers 4 Cookies Results Docs

```
1 {
2   "code": 400,
3   "message": "invalid value for body",
4   "trace": "6d73bf7f-3373-4733-9062-214c2ccbd248"
5 }
```

Delete Employee Record

validation.go Mservice.go MCreateEmployeeDeleteEmployee X

DELETEhttp://0.0.0.0:8080/v1/employees/26Send

Status: 200 OKSize: 0 BytesTime: 14 ms

QueryHeaders 2AuthBodyTestsPre Run

Query Parameters

parameter

value

ResponseHeaders 3CookiesResultsDocs

1

Employee with id 26 is not there in DB

19select * from employees;2021delete from employees;

Data OutputMessagesNotifications

id [PK] integername character varying (255)position character varying (255)salary numeric (15,2)created_at timestamp without time zonelast_updated_at timestamp without time zone

615Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:04.9784782024-06-06 02:34:04.978478

716Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.1520322024-06-06 02:34:05.152032

817Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.2955372024-06-06 02:34:05.295537

918Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.4332472024-06-06 02:34:05.433247

1019Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.5706422024-06-06 02:34:05.570642

1120Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.7055432024-06-06 02:34:05.705543

1221Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.8444372024-06-06 02:34:05.844437

1322Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:05.9796932024-06-06 02:34:05.979693

1423Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:06.1063672024-06-06 02:34:06.106367

1524Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:06.2470852024-06-06 02:34:06.247085

1625Ankit ChahalSr. Software Engineer1223444.022024-06-06 02:34:06.4090522024-06-06 02:34:06.409052

Total rows: 16 of 16Query complete 00:00:00.107Ln 19, Col 1

When id is missing

DELETEhttp://0.0.0.0:8080/v1/employeesSend

Status: 404 Not FoundSize: 18 BytesTime: 6 ms

QueryHeaders 2AuthBodyTestsPre Run

Query Parameters

parameter

value

ResponseHeaders 4CookiesResultsDocs

1404 page not found

Update employee

Existing record

Data OutputMessagesNotifications

	id [PK] integer	name character varying (255)	position character varying (255)	salary numeric (15,2)	created_at timestamp without time zone	last_updated_at timestamp without time zone
1	6	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-05 22:06:28.291524	2024-06-05 22:06:28.291524
2	8	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-05 22:06:28.85191	2024-06-05 22:06:28.85191

validation.go Mservice.go MCreateEmployeeDeleteEmployeeUpdateEmployee X

PUThttp://0.0.0.0:8080/v1/employeesSend

Status: 200 OKSize: 84 BytesTime: 18 ms

QueryHeaders 2AuthBody 1TestsPre Run

JSONXMLTextFormForm-encodeGraphQLBinary

JSON ContentFormat

```
1 {
2   "id": "6",
3   "name": "Updated Name1111",
4   "position": "Updated Position",
5   "salary": 60000
6 }
```

ResponseHeaders 4CookiesResultsDocs

```
1 {
2   "employee_id": "6",
3   "employee_name": "Updated Name1111",
4   "position": "Updated Position"
5 }
```

Response

Data updated along with last updated date

```
19 select * from employees;
20
21 delete from employees;
```

Data OutputMessagesNotifications

	id [PK] integer	name character varying (255)	position character varying (255)	salary numeric (15,2)	created_at timestamp without time zone	last_updated_at timestamp without time zone
6	16	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.152032	2024-06-06 02:34:05.152032
7	17	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.295537	2024-06-06 02:34:05.295537
8	18	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.433247	2024-06-06 02:34:05.433247
9	19	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.570642	2024-06-06 02:34:05.570642
10	20	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.705543	2024-06-06 02:34:05.705543
11	21	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.844437	2024-06-06 02:34:05.844437
12	22	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:05.979693	2024-06-06 02:34:05.979693
13	23	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:06.106367	2024-06-06 02:34:06.106367
14	24	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:06.247085	2024-06-06 02:34:06.247085
15	25	Ankit Chahal	Sr. Software Engineer	1223444.02	2024-06-06 02:34:06.409052	2024-06-06 02:34:06.409052
16	6	Updated Name1111	Updated Position	60000.00	2024-06-05 22:06:28.291524	2024-06-06 02:51:55.052284

Negative scenario

PUThttp://0.0.0.0:8080/v1/employeesSend

Status: 400 Bad RequestSize: 94 BytesTime: 10 ms

QueryHeaders 2AuthBody 1TestsPre Run

JSONXMLTextFormForm-encodeGraphQLBinary

JSON ContentFormat

```
1 {
2   "name": "Updated Name1111",
3   "position": "Updated Position",
4   "salary": 60000
5 }
```

ResponseHeaders 4CookiesResultsDocs

```
1 {
2   "code": 400,
3   "message": "employee Id is missing",
4   "trace": "8d8f4b8f-a113-47e4-b086-0fdd049f2dd4"
5 }
```

Response

PROBLEMSOUTPUTTERMINALPORTS

Get Employee Record By ID

GET

http://0.0.0.0:8080/v1/employees/6

Send

Query

Headers 2

Auth

Body

Tests

Pre Run

Query Parameters

☐

parameter

value

Status: 200 OK

Size: 84 Bytes

Time: 53 ms

Response

Headers 4

Cookies

Results

Docs

1 {

2 "employee_id": "6",

3 "employee_name": "Updated Name1111",

4 "position": "Updated Position"

5 }

Response

Chart

List Employees

GET

http://0.0.0.0:8080/v1/employees?page=1&pagesize=10

Send

Query

Headers 2

Auth

Body

Tests

Pre Run

Query Parameters

☒

page

1

☒

pagesize

10

☐

parameter

value

Status: 200 OK

Size: 1.75 KB

Time: 8 ms

Response

Headers 4

Cookies

Results

Docs

1 {

2 {

3 "id": "6",

4 "name": "Updated Name1111",

5 "position": "Updated Position",

6 "salary": 60000,

7 "created_at": "2024-06-05T22:06:28.291524Z",

8 "last_updated_at": "2024-06-06T02:51:55.052284Z"

9 },

10 {

11 "id": "8",

12 "name": "Ankit Chahal",

13 "position": "Sr. Software Engineer",

14 "salary": 1223444.02,

15 "created_at": "2024-06-05T22:06:28.85191Z",

16 "last_updated_at": "2024-06-05T22:06:28.85191Z"

17 },

18 {

19 "id": "12",

20 "name": "Ankit Chahal",

21 "position": "Sr. Software Engineer",

22 "salary": 1223444.02,

23 "created_at": "2024-06-06T02:34:03.980198Z",

24 "last_updated_at": "2024-06-06T02:34:03.980198Z"

25 },

26 {

27 "id": "13",

28 "name": "Ankit Chahal",

29 "position": "Sr. Software Engineer",

30 "salary": 1223444.02,

31 "created_at": "2024-06-06T02:34:04.352739Z",

32 "last_updated_at": "2024-06-06T02:34:04.352739Z"

33 },

34 {

35 "id": "14",

36 "name": "Ankit Chahal",

37 "position": "Sr. Software Engineer",

38 "salary": 1223444.02,

39 "created_at": "2024-06-06T02:34:04.735379Z",

40 "last_updated_at": "2024-06-06T02:34:04.735379Z"

41 },

42 {

43 "id": "15",

44 "name": "Ankit Chahal",

Copy

GET

http://0.0.0.0:8080/v1/employees?page=1&pagesize=3

Send

Query

Headers 2

Auth

Body

Tests

Pre Run

Query Parameters

☒

page

1

☒

pagesize

3

☐

parameter

value

Status: 200 OK

Size: 531 Bytes

Time: 11 ms

Response

Headers 4

Cookies

Results

Docs

{}

1

[

2

{

3

"id": "6",

4

"name": "Updated Name1111",

5

"position": "Updated Position",

6

"salary": 60000,

7

"created_at": "2024-06-05T22:06:28.291524Z",

8

"last_updated_at": "2024-06-06T02:51:55.052284Z"

9

},

10

{

11

"id": "8",

12

"name": "Ankit Chahal",

13

"position": "Sr. Software Engineer",

14

"salary": 1223444.02,

15

"created_at": "2024-06-05T22:06:28.851912Z",

16

"last_updated_at": "2024-06-05T22:06:28.851912Z"

17

},

18

{

19

"id": "12",

20

"name": "Ankit Chahal",

21

"position": "Sr. Software Engineer",

22

"salary": 1223444.02,

23

"created_at": "2024-06-06T02:34:03.980198Z",

24

"last_updated_at": "2024-06-06T02:34:03.980198Z"

25

}

26

]

Next three records

GET

http://0.0.0.0:8080/v1/employees?page=2&pagesize=3

Send

Query

Headers 2

Auth

Body

Tests

Pre Run

Query Parameters

☒

page

2

☒

pagesize

3

☐

parameter

value

Status: 200 OK

Size: 541 Bytes

Time: 15 ms

Response

Headers 4

Cookies

Results

Docs

{}

1

{

2

{

3

"id": "13",

4

"name": "Ankit Chahal",

5

"position": "Sr. Software Engineer",

6

"salary": 1223444.02,

7

"created_at": "2024-06-06T02:34:04.352739Z",

8

"last_updated_at": "2024-06-06T02:34:04.352739Z"

9

},

10

{

11

"id": "14",

12

"name": "Ankit Chahal",

13

"position": "Sr. Software Engineer",

14

"salary": 1223444.02,

15

"created_at": "2024-06-06T02:34:04.735379Z",

16

"last_updated_at": "2024-06-06T02:34:04.735379Z"

17

},

18

{

19

"id": "15",

20

"name": "Ankit Chahal",

21

"position": "Sr. Software Engineer",

22

"salary": 1223444.02,

23

"created_at": "2024-06-06T02:34:04.978478Z",

24

"last_updated_at": "2024-06-06T02:34:04.978478Z"

25

}

26

}