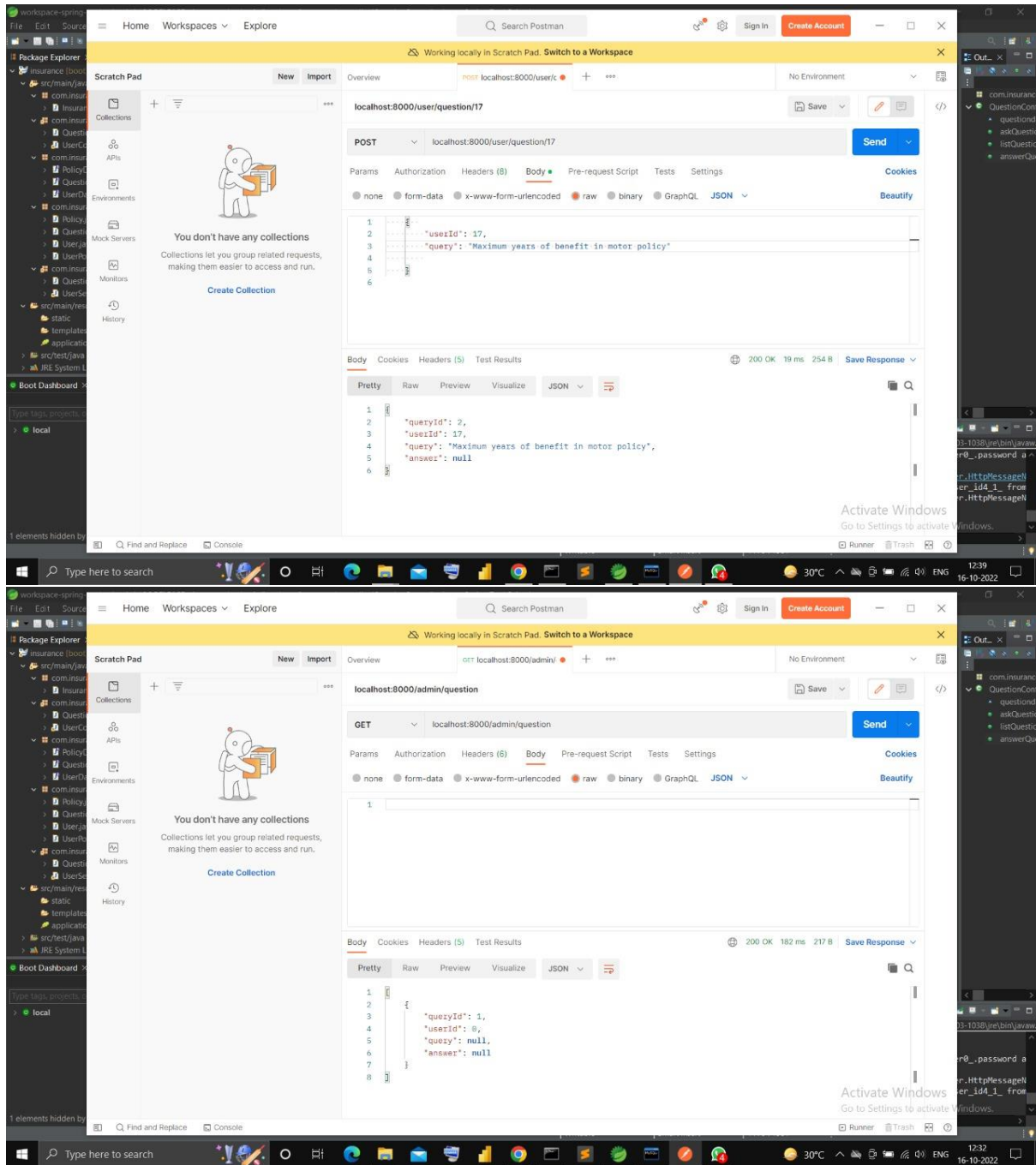


Insurance Policy Management (G4)

API Testing using Postman

Question Entity:



User Entity:

The image displays a development environment with two main windows. The top window is a MySQL 8.0 Command Line Client, and the bottom window is a Postman API client.

MySQL 8.0 Command Line Client:

```
mysql> select * from user;
Empty set (0.01 sec)

mysql> select * from user;
Empty set (0.01 sec)

mysql> select * from user;
+----+-----+-----+-----+-----+-----+-----+
| user_id | address | email | name | password | phone_num | policy_num |
+----+-----+-----+-----+-----+-----+-----+
| 3 | 18-B new sarika nagar | avranj.k@gmail.com | ketan deep sharma | 123456 | 9876543 | NULL |
+----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from user;
+----+-----+-----+-----+-----+-----+-----+
| user_id | address | email | name | password | phone_num | policy_num |
+----+-----+-----+-----+-----+-----+-----+
| 4 | 182-kiddys | rohan nanda@gmail.com | james bond | 78765 | 1234567 | NULL |
+----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

Postman API Client:

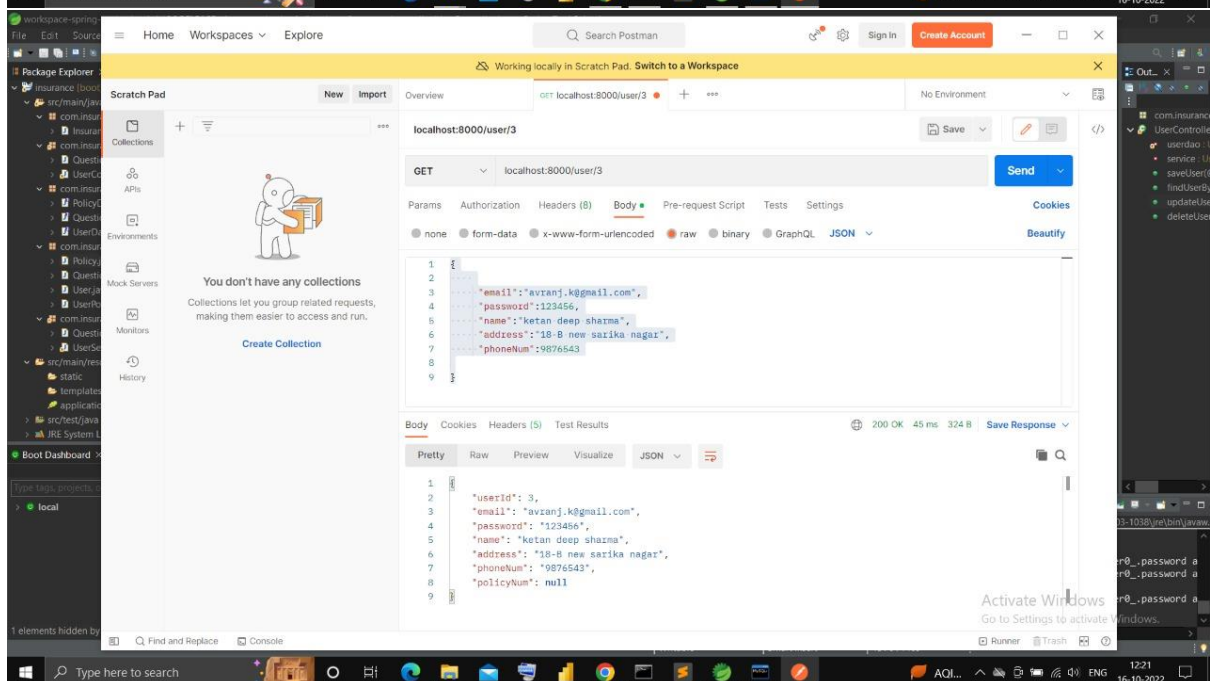
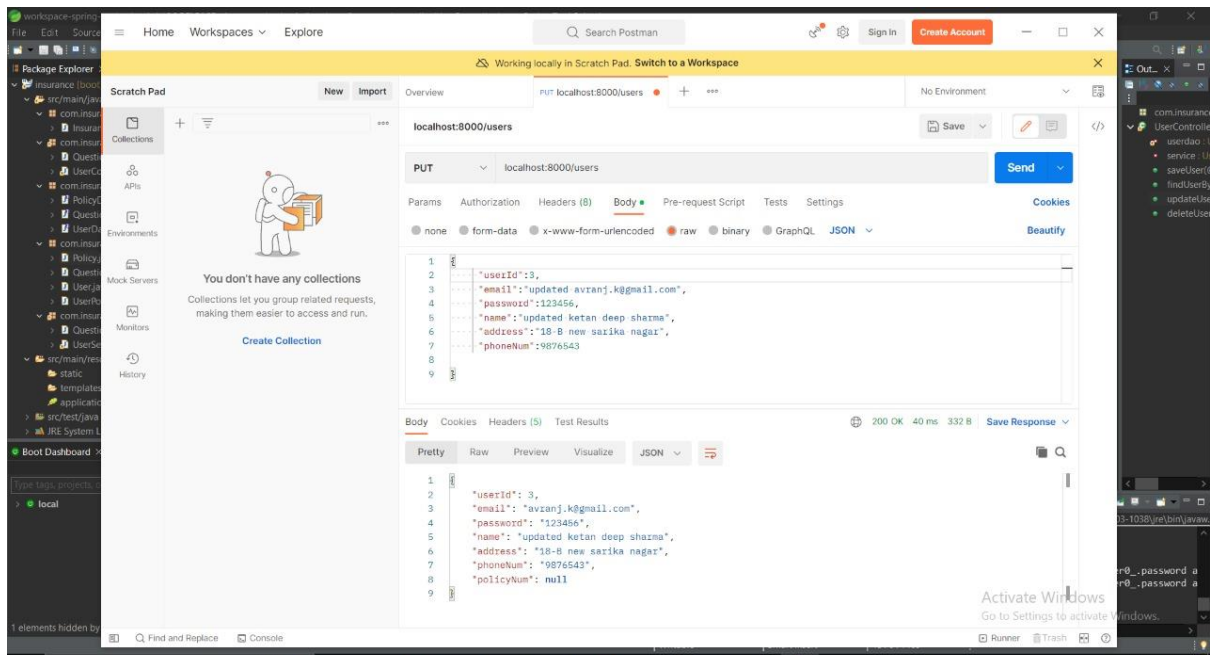
The Postman window shows a REST client interface. The URL is `localhost:8000/users/3`. The method is `DELETE`. The response is `200 OK` with a body of `user: deleted3`.

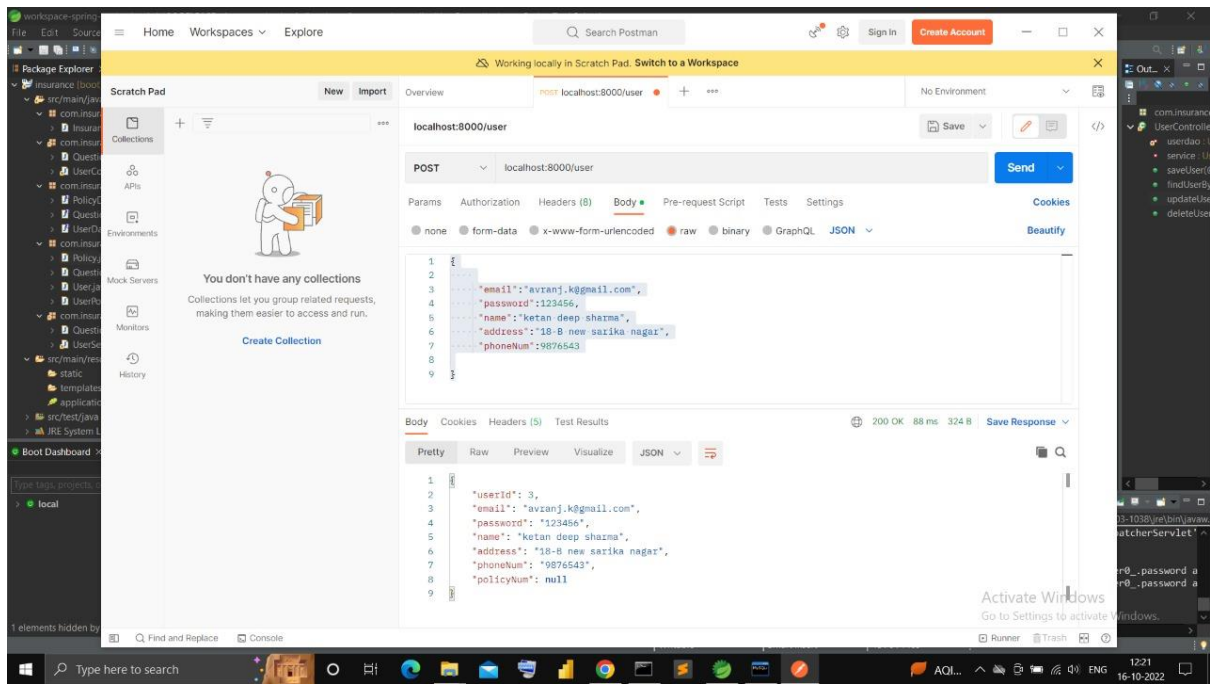
Scratch Pad:

The Scratch Pad window shows a JSON body for a DELETE request:

```
{
  "email": "rohan nanda@gmail.com",
  "password": "78765",
  "name": "james bond",
  "address": "182-kiddys",
  "phoneNum": "1234567"
}
```

The response is `200 OK` with a body of `user: deleted3`.





Policy Entity:

The image displays two screenshots of the Postman application interface, showing API requests to the endpoint `localhost:8080/admin/policy`.

Top Screenshot:

- Request Method:** POST
- URL:** localhost:8080/admin/policy
- Body (JSON):**

```
{  "approval": 0,  "policyNum": "2345678",  "policyType": "Travel",  "userId": 0}
```
- Response:** Status: 200 OK, Time: 473 ms, Size: 247 B

Bottom Screenshot:

- Request Method:** POST
- URL:** localhost:8080/admin/policy
- Body (JSON):**

```
{  "policyId": 16,  "policyType": "Motor",  "policyNum": "54321",  "userId": 0,  "approval": 0}
```
- Response:** Status: 200 OK, Time: 22 ms, Size: 244 B

Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

GET localhost:8080/admin/ + *** No Environment

localhost:8080/admin/policy Save

GET localhost:8080/admin/policy Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

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

This request does not have a body.

Body Cookies Headers (5) Test Results Status: 200 OK Time: 208 ms Size: 740 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "policyId": 9,
3   "policyType": "Helath",
4   "policyNum": "12346",
5   "userId": 5,
6   "approval": 1
7 },
8 {
9   "policyId": 10,
10  "policyType": "Health",
11  "policyNum": "12347",
12  "userId": 5,
13  "approval": 1
14 },
15 {
16  }
```

Find and Replace Console Runner Trash

Type here to search

Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

GET localhost:8080/admin/ + *** No Environment

localhost:8080/admin/policy/10 Save

GET localhost:8080/admin/policy/10 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

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

This request does not have a body.

Body Cookies Headers (5) Test Results Status: 200 OK Time: 71 ms Size: 245 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "policyId": 10,
3   "policyType": "Health",
4   "policyNum": "12347",
5   "userId": 5,
6   "approval": 1
7 }
```

HomeWorkspacesExplore

Search Postman

Sign InCreate Account

Working locally in Scratch Pad. Switch to a Workspace

GETlocalhost:8080/admin/

+

No Environment

localhost:8080/admin/policy/15

Save

</>

GETlocalhost:8080/admin/policy/15

Send

ParamsAuthorizationHeaders (6)BodyPre-request ScriptTestsSettings

Cookies

noneform-datax-www-form-urlencodedrawbinaryGraphQL

This request does not have a body.

Status: 200 OKTime: 23 msSize: 247 BSave Response

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeJSON

```
1{"policyId": 15,
2  "policyType": "Travel",
3  "policyNum": "2345678",
4  "userId": 0,
5  "approval": 0
6}
7
```

Find and ReplaceConsole

RunnerTrash

Windows Taskbar

HomeWorkspacesExplore

Search Postman

Sign InCreate Account

Working locally in Scratch Pad. Switch to a Workspace

PUTlocalhost:8080/admin/

+

No Environment

localhost:8080/admin/policy/15

Save

</>

PUTlocalhost:8080/admin/policy/15

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

Cookies

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Beautify

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeJSON

```
1{
2  "policyType": "Motoz"
3}
4
```

Status: 200 OKTime: 23 msSize: 247 BSave Response

PrettyRawPreviewVisualizeJSON

```
1{
2  "policyId": 15,
3  "policyType": "Travel",
4  "policyNum": "2345678",
5  "userId": 0,
6  "approval": 0
7}
```

Find and ReplaceConsole

RunnerTrash

Windows Taskbar

Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

PUT localhost:8080/admin/ No Environment

localhost:8080/admin/policy/15 Save

PUT localhost:8080/admin/policy/15 Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

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

```
1 {
2   "policyType": "Motor"
3 }
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 51 ms Size: 246 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "policyId": 15,
3   "policyType": "Motor",
4   "policyNum": "2345678",
5   "userId": 0,
6   "approval": 0
7 }
```

Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

DEL localhost:8080/admin/ No Environment

localhost:8080/admin/policy/15 Save

DELETE localhost:8080/admin/policy/15 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

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

This request does not have a body

Body Cookies Headers (5) Test Results Status: 200 OK Time: 50 ms Size: 179 B Save Response

Pretty Raw Preview Visualize Text

```
1 Policy Deleted.
```


Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

DEL localhost:8080/admin/ No Environment

localhost:8080/admin/policy/1 Save

DELETE localhost:8080/admin/policy/1 Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

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

This request does not have a body

Body Cookies Headers (5) Test Results Status: 404 Not Found Time: 26 ms Size: 188 B Save Response

Pretty Raw Preview Visualize Text

```
1 Policy Not Found.
```

Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

GET localhost:8080/user/ No Environment

localhost:8080/user/policy Save

GET localhost:8080/user/policy Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

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

This request does not have a body

Body Cookies Headers (5) Test Results Status: 200 OK Time: 62 ms Size: 412 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "policyId": 13,
3   "policyType": "Travel",
4   "policyNum": "23456",
5   "userId": 0,
6   "approval": 0
7 },
8 {
9   "policyId": 14,
10  "policyType": "Health",
11  "policyNum": "2345678",
12  "userId": 0,
13  "approval": 0
14 },
15 }
16 }
```

HomeWorkspacesExplore

Search Postman

Sign InCreate Account

Working locally in Scratch Pad. Switch to a Workspace

PUTlocalhost:8080/user/8/

No Environment

localhost:8080/user/8/policy/14

Save

</>

PUTlocalhost:8080/user/8/policy/14

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Cookies

Beautify

123

{}{"policyNum": "2345678"}

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 103 msSize: 247 BSave Response

PrettyRawPreviewVisualizeJSON

1234567

{}{"policyId": 14,"policyType": "Health","policyNum": "2345678","userId": 8,"approval": 3}

Find and ReplaceConsole

RunnerTrash

HomeWorkspacesExplore

Search Postman

Sign InCreate Account

Working locally in Scratch Pad. Switch to a Workspace

PUTlocalhost:8080/user/8/

No Environment

localhost:8080/user/8/policy/13

Save

</>

PUTlocalhost:8080/user/8/policy/13

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Cookies

Beautify

123

{}{"policyNum": "23456"}

BodyCookiesHeaders (5)Test Results

Status: 200 OKTime: 46 msSize: 245 BSave Response

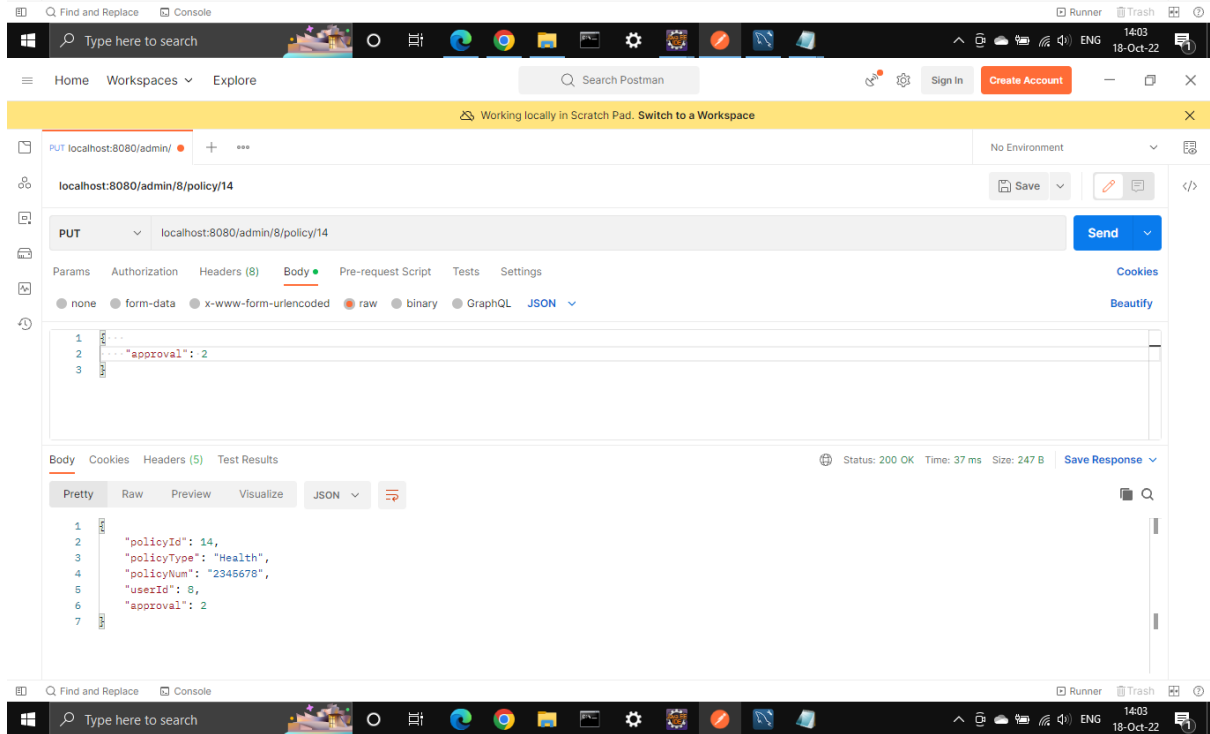
PrettyRawPreviewVisualizeJSON

1234567

{}{"policyId": 13,"policyType": "Travel","policyNum": "23456","userId": 8,"approval": 3}

Find and ReplaceConsole

RunnerTrash



Home Workspaces Explore Search Postman

Working locally in Scratch Pad. Switch to a Workspace

GET localhost:8080/user/history/8

localhost:8080/user/history/8

GET localhost:8080/user/history/8

Params Authorization Headers (6) Body Pre-request Script Tests Settings

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

This request does not have a body

Status: 200 OK Time: 40 ms Size: 331 B Save Response

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "policyId": 13,
3   "policyType": "Travel",
4   "policyNum": "23456",
5   "userId": 8,
6   "approval": 1
7 },
8 {
9   "policyId": 14,
10  "policyType": "Health",
11  "policyNum": "2345678",
12  "userId": 8,
13  "approval": 2
14 },
15 }
16 }
```

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

aadhaar bookstore ecommerce icm_bank insurance policy query user userpolicy Views Stored Procedures Functions learnersacademy mydb quiz_portal quizportal sakila sys world

SQL File 9* SQL File 10* SQL File 11* SQL File 5* SQL File 6* SQL File 7* SQL File 8*

1 use insurance;
2 select * from policy;
3

Result Grid

	policy_id	approval	policy_num	policy_type	user_id
9	1	12345	Health	5	
10	1	12347	Health	5	
12	1	12356	Motor	6	
13	1	23456	Travel	8	
14	2	2345678	Health	8	
16	0	54321	Motor	0	

Table: policy

Columns: policy_id int AI PK approval int policy_num varchar(20) policy_type varchar(20) user_id int

Object Info Session

Output

#	Time	Action	Message	Duration / Fetch
45	14:01:25	use insurance	0 row(s) affected	0.000 sec
46	14:01:25	select * from policy LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
47	14:02:04	use insurance	0 row(s) affected	0.000 sec
48	14:02:04	select * from policy LIMIT 0, 1000	6 row(s) returned	0.016 sec / 0.000 sec
49	14:04:36	use insurance	0 row(s) affected	0.000 sec
50	14:04:36	select * from policy LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: SQL File 9* SQL File 10* SQL File 11* SQL File 5* SQL File 6* SQL File 7* SQL File 8*

SCHEMAS

Filter objects

- asdhair
- bookstore
- ecommerce
- icon_bank
- insurance
 - Tables
 - policy
 - query
 - user
 - userpolicy
- Views
- Stored Procedures
- Functions
- learnersacademy
- mydb
- quiz_portal
- quizportal
- sakila
- sys
- world

Administration Schemas

Information

Table: policy

Columns:

- policy_id int AI PK
- approval int
- policy_num varchar(10)
- policy_type varchar(10)
- user_id int

Object Info Session

SQL File 5* SQL File 6* SQL File 7* SQL File 8*

```
1 • use insurance;
2 • select * from user;
```

Limit to 1000 rows

Result Grid

	user_id	address	email	name	password	phone_num	policy_num
5	BLR	mail	user	password	9123456789	12347	
6	BLR	mail	user	password	9123456789	12356	
8	DELHI	avranj.k@gmail.com	vedprakash	123456	987098	23456	

user 7 x

Apply Revert Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
47	14:02:04	use insurance	0 row(s) affected	0.000 sec
48	14:02:04	select * from policy LIMIT 0, 1000	6 row(s) returned	0.016 sec / 0.000 sec
49	14:04:36	use insurance	0 row(s) affected	0.000 sec
50	14:04:36	select * from policy LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
51	14:04:44	use insurance	0 row(s) affected	0.000 sec
52	14:04:44	select * from user LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Type here to search

14:04 18-Oct-22