

Testing Stored Procedure PROC_CANCEL_THE_PROGRESSING_PO_G4We use POs where poNo = 2 to test there will be 5 scenarios as bellow:

Scenario 1: “ordered” to “canceled”

Scenario 2: “Client paid. Preparing for shipment” to “canceled”

Scenario 3: “canceled” to “canceled” – error handling

In Scenario 1: “ordered” to “canceled”

1. get PO 2 using postman to check its state as “ordered”

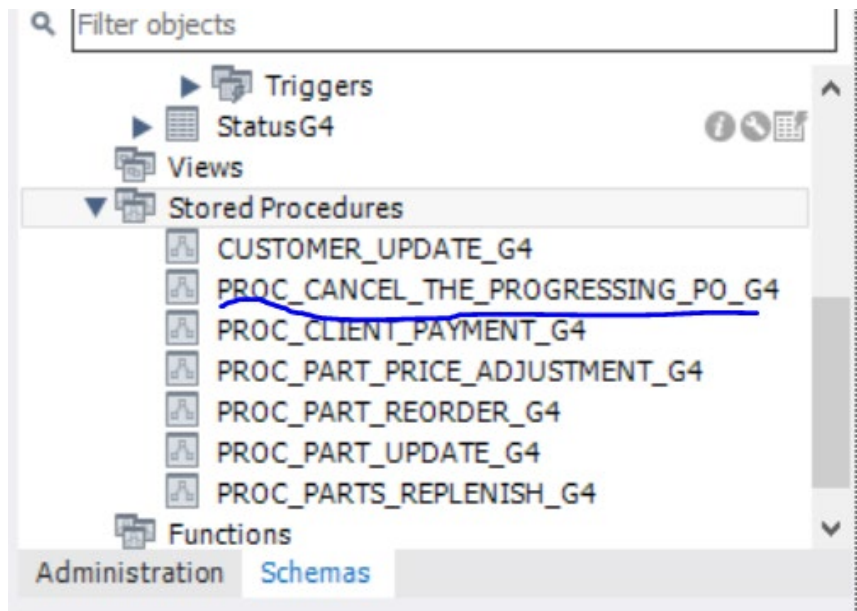
URL: <http://localhost:8000/pos/2>

The screenshot shows the Postman interface for a GET request to `http://localhost:8000/pos/2`. The request is successful, returning a 200 OK status with a response time of 40 ms and a body size of 982 B. The response is displayed in the 'Body' tab, showing a JSON array with one object. The object contains the following fields: `poNoG4` (2), `clientCompIdG4` (1), `statusG4` (1), `clientCompNameG4` ("Ford"), `datePOG4` ("2020-07-31T04:20:31.000Z"), `statusDescriptionG4` ("Ordered"), `partNoG4` (3), `linePriceG4` (3789.99), and `qtyG4` (12). The `statusDescriptionG4` field is highlighted with a blue underline.

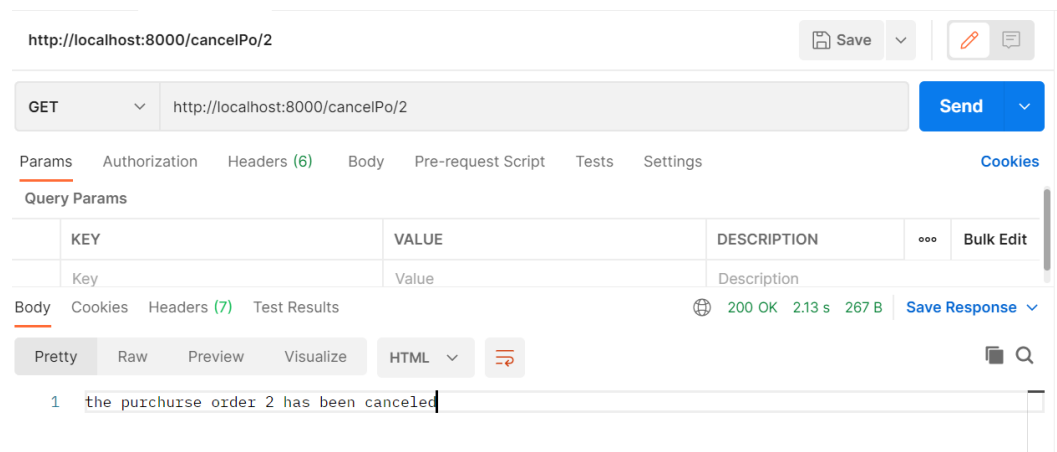
KEY	VALUE	DESCRIPTION
Key	Value	Description

```
1 [
2   {
3     "poNoG4": 2,
4     "clientCompIdG4": 1,
5     "statusG4": 1,
6     "clientCompNameG4": "Ford",
7     "datePOG4": "2020-07-31T04:20:31.000Z",
8     "statusDescriptionG4": "Ordered",
9     "partNoG4": 3,
10    "linePriceG4": 3789.99,
11    "qtyG4": 12
  }
]
```

2. Check the stored procedure is already in database by using workbench



3. Cancel the PO order by using postman
URL: <http://localhost:8000/cancelPo/2>



4. Check the consequence of the cancelation:
 - a. If there is a record in HistoryG4 by using workbench

Cancel_the_Progressing_PO_S... HistoryG4 x

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

1 • `SELECT * FROM jianhua.HistoryG4;`

Limit to 1000 rows

Result Grid

idHistoryG4	poNoG4	dateG4	statusNoG4
22	4	2021-07-01 02:20:20	4
23	1	2021-07-01 02:20:20	5
24	2	2021-07-01 02:20:20	5
25	8	2021-07-01 02:20:20	5
26	2	2021-07-01 15:06:02	5
NULL	NULL	NULL	NULL

HistoryG4 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	15:12:08	SELECT * FROM jianhua.HistoryG4 LIMIT 0, 1000	26 row(s) returned	0.016 sec / 0.00

3:12 PM 2021-07-01

- b. If the status of the purchase order has been update as canceled by using postman
URL: <http://localhost:8000/pos/2>

GET `http://localhost:8000/pos/2` Send

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

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
Key	Value	Description	

Body Cookies Headers (7) Test Results 200 OK 32 ms 986 B Save Response

Pretty Raw Preview Visualize JSON

```

1 {
2   "poNoG4": 2,
3   "clientCompIdG4": 1,
4   "statusG4": 5,
5   "clientCompNameG4": "Ford",
6   "datePOG4": "2020-07-31T04:20:31.000Z",
7   "statusDescriptionG4": "Canceled",
8   "partNoG4": 3,
9   "linePriceG4": 3789.99,
10  "qtyG4": 12
11 }

```

In Scenario 2: "Client paid. Preparing for shipment" to "canceled"

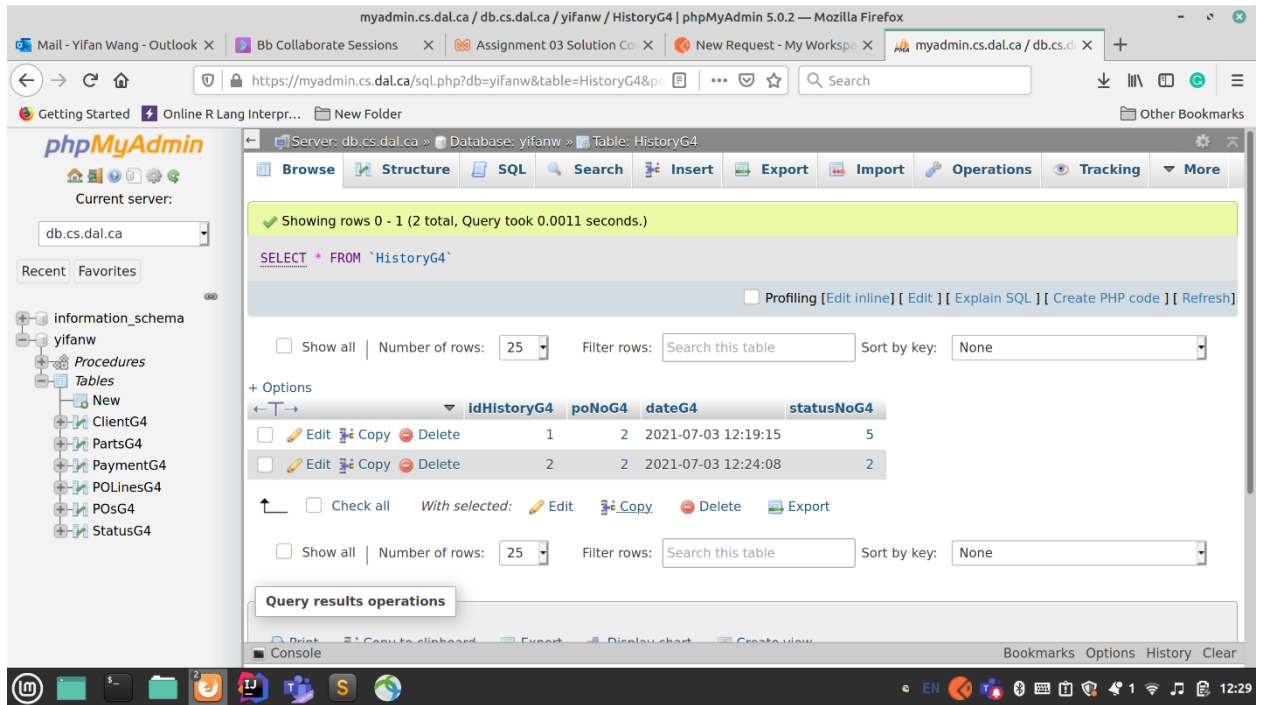
1. Before:

The first screenshot shows the phpMyAdmin interface for the 'yifanw' database. The 'POsG4' table is selected, displaying 10 rows. The columns are: poNoG4, clientCompIdG4, datePOG4, and statusG4.

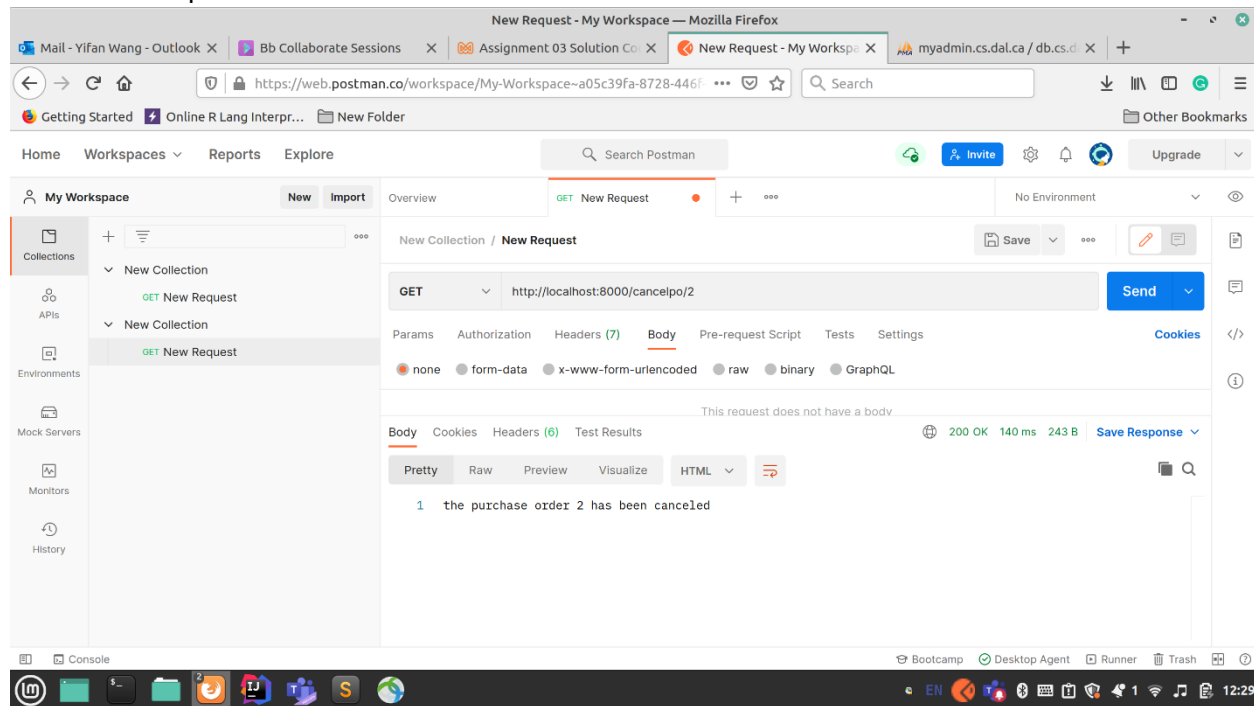
poNoG4	clientCompIdG4	datePOG4	statusG4
1	2	2021-05-11 02:08:38	1
2	1	2020-07-31 01:20:31	2
3	3	2021-04-23 05:25:34	4
4	4	2021-01-09 07:09:11	3
5	5	2020-11-28 06:10:15	2
6	6	2021-04-19 08:14:00	1
7	7	2021-03-22 09:04:08	2
8	8	2020-12-02 03:23:16	4
9	9	2019-05-20 01:10:24	5
10	10	2021-05-09 10:15:01	1

The second screenshot shows the phpMyAdmin interface for the 'yifanw' database. The 'ClientG4' table is selected, displaying 10 rows. The columns are: clientCompIdG4, clientCompNameG4, clientCityG4, clientCompPasswordG4, and moneyOwedG4.

clientCompIdG4	clientCompNameG4	clientCityG4	clientCompPasswordG4	moneyOwedG4
1	Ford	Halifax	12345	10000.0000
2	Toyota	Toronto	abc123	3.5000
3	Nissan	Vancouver	nitro	1020.1000
4	Honda	Truro	cats	300.1000
5	Honda	Truro	dogs	15.0000
6	Chevrolet	San Francisco	birds	150.1500
7	Acura	Denver	trees	9222.0100
8	Lexus	Dallas	chickens	111.1900
9	Audi	Houston	plants	200.1000
10	Bentley	New York	cars100	600.0000



2. Cancel the po



3. After the cancelation:

myadmin.cs.dal.ca / db.cs.dal.ca / yifanw / POSG4 | phpMyAdmin 5.0.2 — Mozilla Firefox

https://myadmin.cs.dal.ca/sql.php?server=1&db=yifanw&table=POSG4

Server: db.cs.dal.ca » Database: yifanw » Table: POSG4

Options: poNoG4, clientCompIdG4, datePOG4, statusG4

	poNoG4	clientCompIdG4	datePOG4	statusG4
<input type="checkbox"/> Edit Copy Delete	1	2	2021-05-11 02:08:38	1
<input type="checkbox"/> Edit Copy Delete	2	1	2020-07-31 01:20:31	5
<input type="checkbox"/> Edit Copy Delete	3	3	2021-04-23 05:25:34	4
<input type="checkbox"/> Edit Copy Delete	4	4	2021-01-09 07:09:11	3
<input type="checkbox"/> Edit Copy Delete	5	5	2020-11-28 06:10:15	2
<input type="checkbox"/> Edit Copy Delete	6	6	2021-04-19 08:14:00	1
<input type="checkbox"/> Edit Copy Delete	7	7	2021-03-22 09:04:08	2
<input type="checkbox"/> Edit Copy Delete	8	8	2020-12-02 03:23:16	4
<input type="checkbox"/> Edit Copy Delete	9	9	2019-05-20 01:10:24	5
<input type="checkbox"/> Edit Copy Delete	10	10	2021-05-09 10:15:01	1

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

myadmin.cs.dal.ca / db.cs.dal.ca / yifanw / ClientG4 | phpMyAdmin 5.0.2 — Mozilla Firefox

https://myadmin.cs.dal.ca/sql.php?server=1&db=yifanw&table=ClientG4

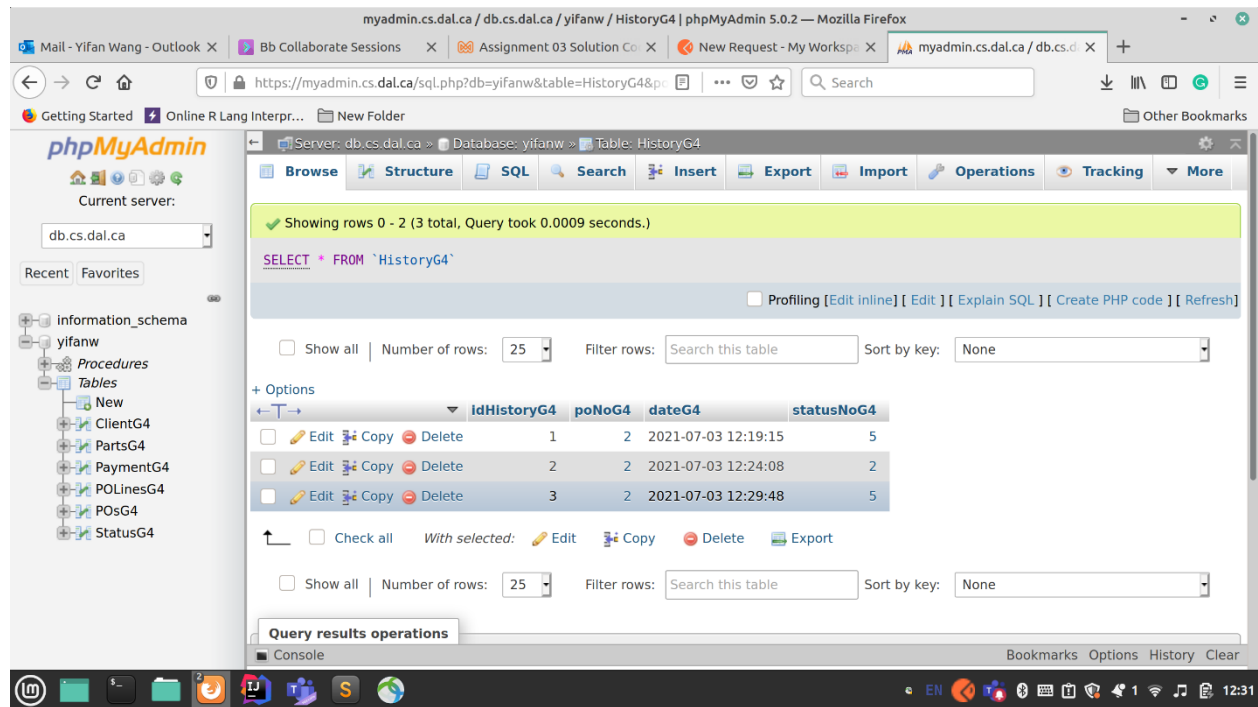
Server: db.cs.dal.ca » Database: yifanw » Table: ClientG4

Options: clientCompIdG4, clientCompNameG4, clientCityG4, clientCompPasswordG4, moneyOwedG4

	clientCompIdG4	clientCompNameG4	clientCityG4	clientCompPasswordG4	moneyOwedG4
<input type="checkbox"/> Edit Copy Delete	1	Ford	Halifax	12345	4431.0400
<input type="checkbox"/> Edit Copy Delete	2	Toyota	Toronto	abc123	3.5000
<input type="checkbox"/> Edit Copy Delete	3	Nissan	Vancouver	nitro	1020.1000
<input type="checkbox"/> Edit Copy Delete	4	Honda	Truro	cats	300.1000
<input type="checkbox"/> Edit Copy Delete	5	Honda	Truro	dogs	15.0000
<input type="checkbox"/> Edit Copy Delete	6	Chevrolet	San Francisco	birds	150.1500
<input type="checkbox"/> Edit Copy Delete	7	Acura	Denver	trees	9222.0100
<input type="checkbox"/> Edit Copy Delete	8	Lexus	Dallas	chickens	111.1900
<input type="checkbox"/> Edit Copy Delete	9	Audi	Houston	plants	200.1000
<input type="checkbox"/> Edit Copy Delete	10	Bentley	New York	cars100	600.0000

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None



In scenario 3: “canceled” to “canceled” – error handling

1. After canceling PO 2, try to cancel the po again:

