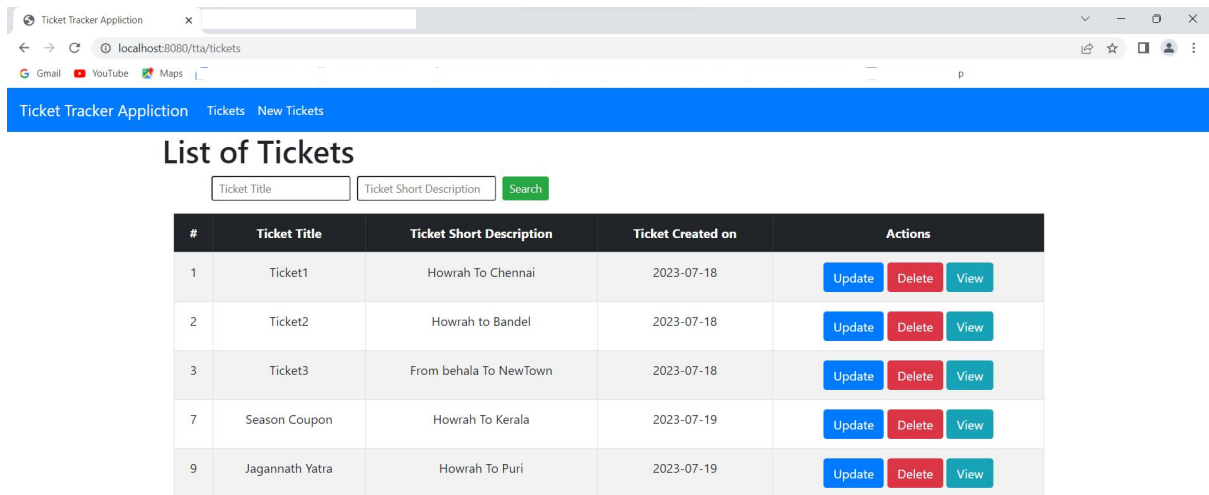


Home Page



The screenshot shows a web browser window with the URL `localhost:8080/tta/tickets`. The page has a blue header with the text "Ticket Tracker Application" and "Tickets New Tickets". Below the header, the title "List of Tickets" is displayed. There are two input fields: "Ticket Title" and "Ticket Short Description", followed by a "Search" button. Below the search fields is a table with the following data:

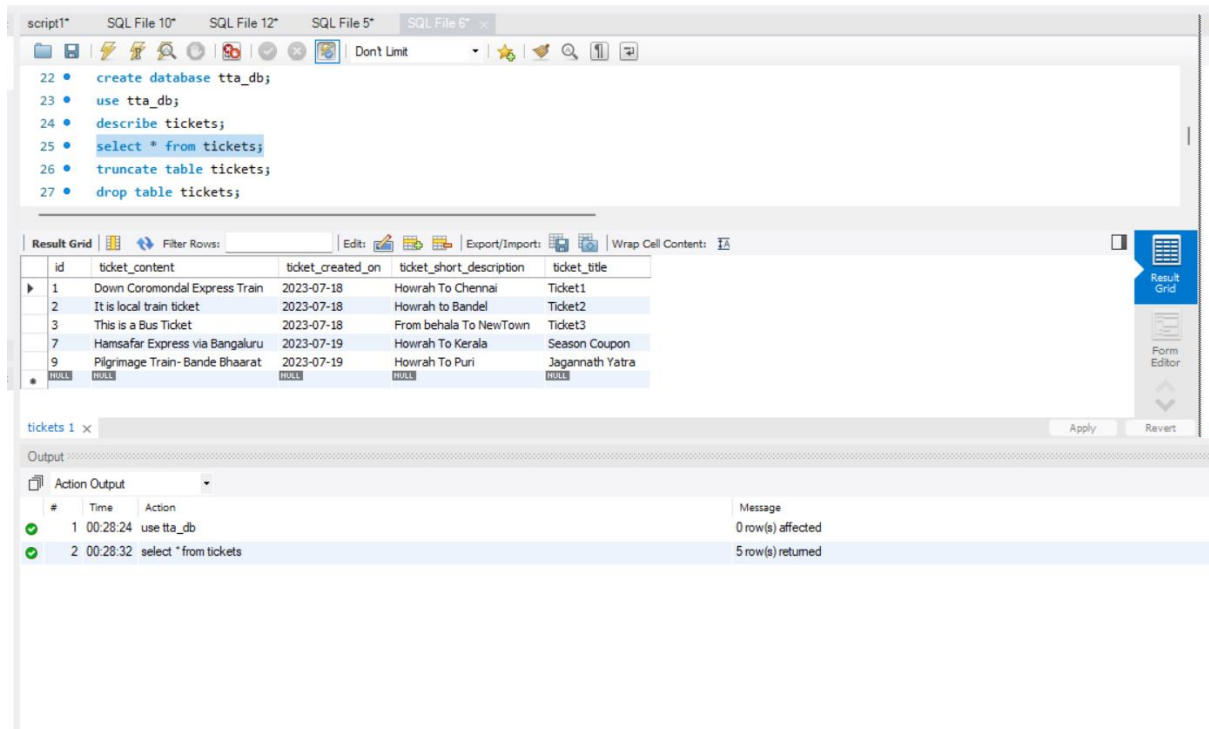
#	Ticket Title	Ticket Short Description	Ticket Created on	Actions
1	Ticket1	Howrah To Chennai	2023-07-18	Update Delete View
2	Ticket2	Howrah to Bandel	2023-07-18	Update Delete View
3	Ticket3	From behala To Newtown	2023-07-18	Update Delete View
7	Season Coupon	Howrah to Kerala	2023-07-19	Update Delete View
9	Jagannath Yatra	Howrah To Puri	2023-07-19	Update Delete View

— Created By the Group, G2B1 —



Pic: Listing Page

Insert Operation



The screenshot shows a SQL IDE window with the following SQL code:

```
22 • create database tta_db;
23 • use tta_db;
24 • describe tickets;
25 • select * from tickets;
26 • truncate table tickets;
27 • drop table tickets;
```

Below the code, the "Result Grid" shows the output of the SQL queries:

id	ticket_content	ticket_created_on	ticket_short_description	ticket_title
1	Down Coromondal Express Train	2023-07-18	Howrah To Chennai	Ticket1
2	It is local train ticket	2023-07-18	Howrah to Bandel	Ticket2
3	This is a Bus Ticket	2023-07-18	From behala To Newtown	Ticket3
7	Hamsafar Express via Bangaluru	2023-07-19	Howrah To Kerala	Season Coupon
9	Pilgrimage Train- Bande Bhaarat	2023-07-19	Howrah To Puri	Jagannath Yatra

The "Output" section shows the "Action Output" for the queries:

#	Time	Action	Message
1	00:28:24	use tta_db	0 row(s) affected
2	00:28:32	select * from tickets	5 row(s) returned

Pic: DB Records Before Creation of a New Ticket

Insert Operation

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/tta/tickets/new'. The browser's tab bar shows 'Ticket Tracker Application' and 'Tickets'. The page has a blue header bar with the text 'Ticket Tracker Application Tickets'. The main content area features a 'Create Ticket' form with the following fields and elements:

- Title**: A text input field with the placeholder 'Enter ticket title'.
- Short Description**: A text input field with the placeholder 'Enter ticket description'.
- Content**: A text input field with the placeholder 'Enter content'.
- Submit**: A blue button.
- Back to Tickets Listing**: A blue link.

At the bottom of the form, there is a signature: *— Created By the Group, G2B1 —*. The browser's taskbar at the bottom shows various application icons, including DJI, Search, and several social media and utility apps. The system tray on the right shows the date and time as 11:27 19-07-2023.

Pic: **Create New Ticket (Blank Page)**

Create Ticket

Title

Railway Quota

Short Description

Patna To Nagercoil

Content

LTC for 2 Adult + 2 Children

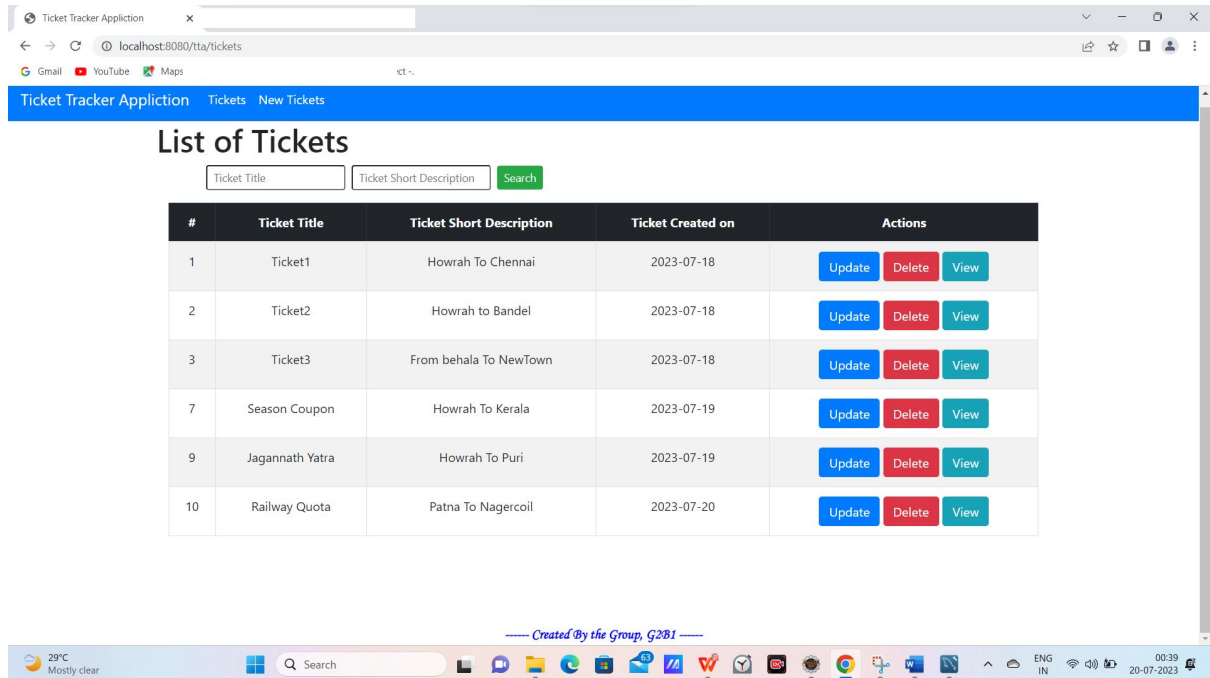
Submit

[Back to Tickets Listing](#)

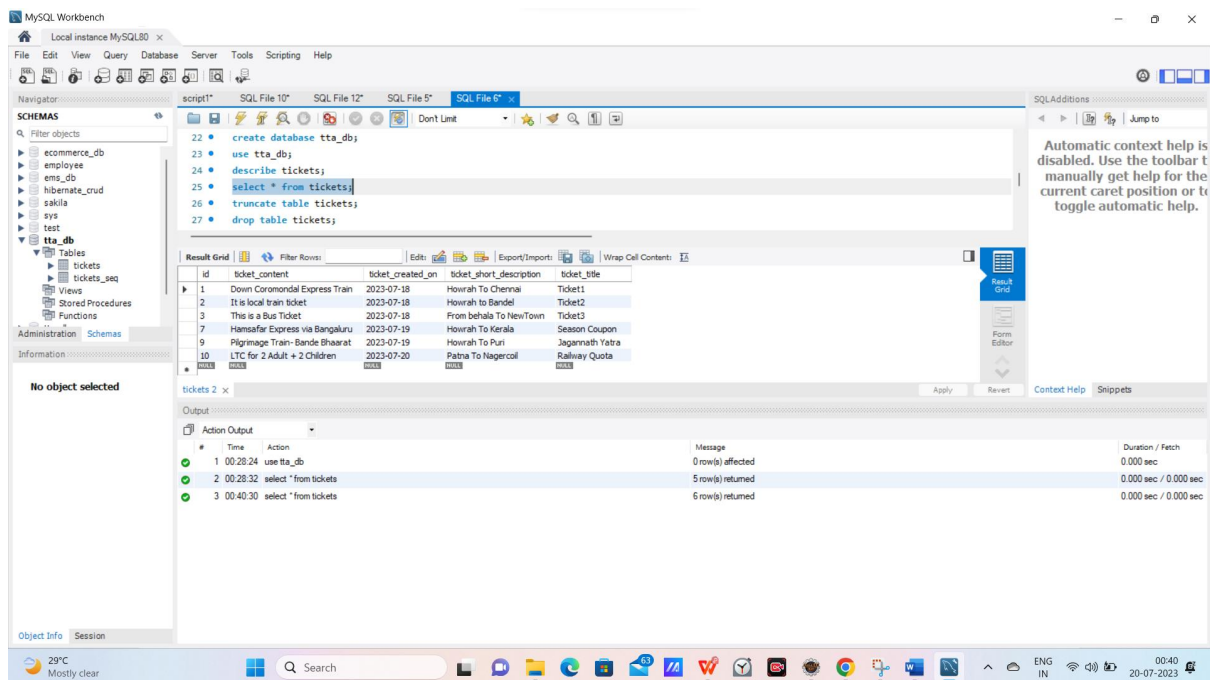
----- Created By the Group, G2B1 -----

Pic: With Filled-up Data Page

Insert Operation

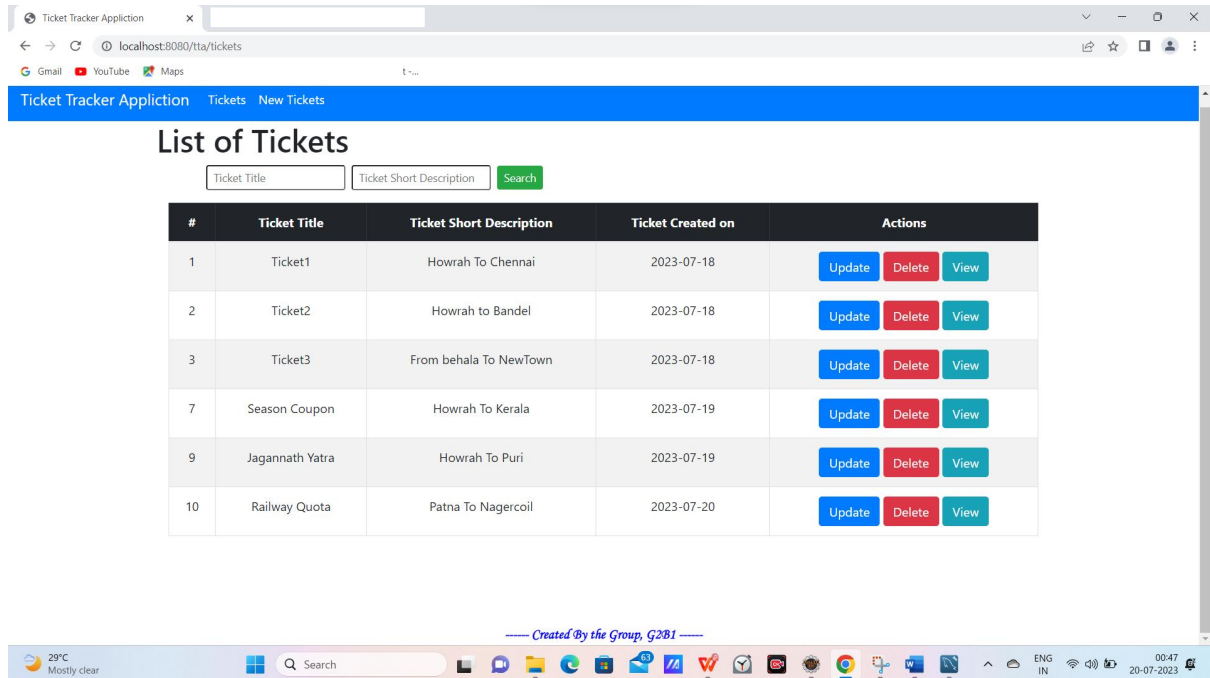


Pic: After Creation of New Ticket, Reflection on the Listing Page

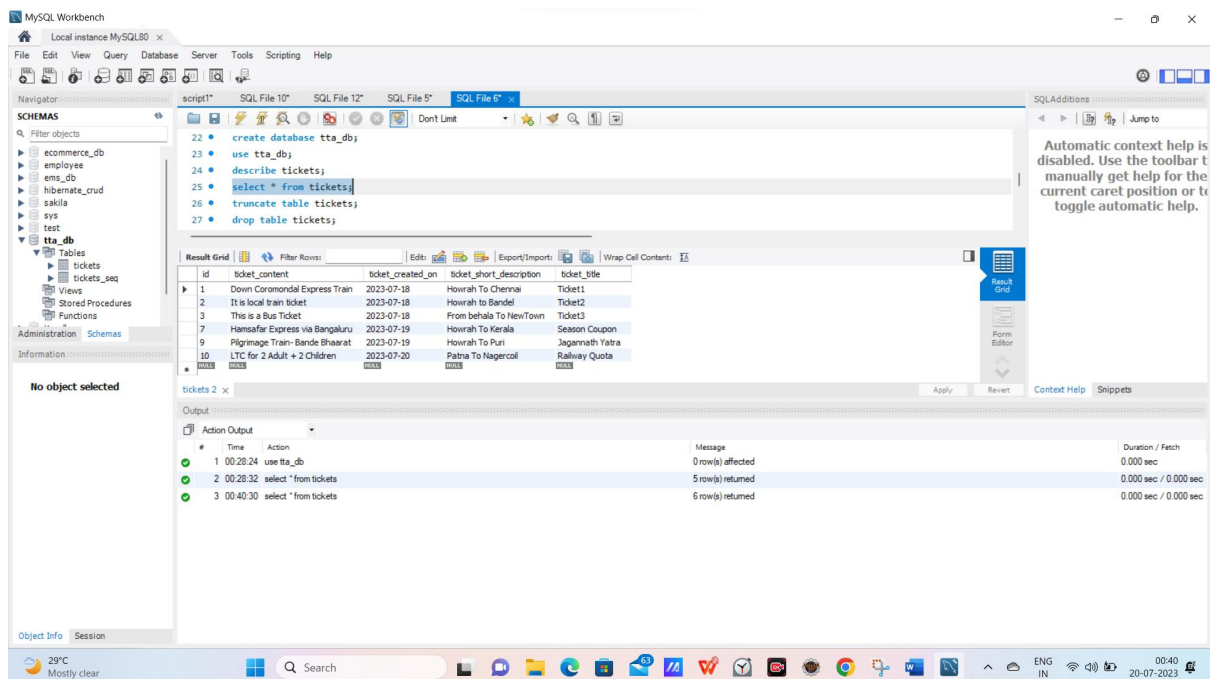


Pic: After Creation of New Ticket, Reflection in the Database

Update Operation



Pic: Before the Updation for the ID(#)1, -The Listing Page



Pic: Before the Updation for ID(#)1, Records in the Database

Update Operation

The screenshot shows a web browser window with the URL `localhost:8080/tta/tickets/edit/1`. The page has a blue header with 'Ticket Tracker Application', 'Tickets', and 'New Tickets'. The main content area is titled 'Edit Ticket' and contains three input fields: 'Title' with 'Ticket1', 'Short Description' with 'Howrah To Chennai', and 'Content' with 'Down Coromondal Express Train'. A blue 'Submit' button is at the bottom left, and a link 'Back to Tickets Listing' is at the bottom right. A footer note reads 'Created By the Group, G2B1'.

Pic: Before the Updation for ID(#)-1, Edit Ticket Page

The screenshot shows the same 'Edit Ticket' page after an update. The 'Short Description' field now contains 'Chennai To Howrah' and the 'Content' field contains 'Up Coromondal Express Train'. All other elements, including the header, footer, and buttons, remain the same as in the previous screenshot.

Pic: After the Updation for ID(#)-1, Edit Ticket Page

Update Operation

Ticket Tracker Application Tickets New Tickets

List of Tickets

Ticket Title Ticket Short Description Search

#	Ticket Title	Ticket Short Description	Ticket Created on	Actions
1	Ticket1	Chennai To Howrah	2023-07-18	<button>Update</button> <button>Delete</button> <button>View</button>
2	Ticket2	Howrah to Bandel	2023-07-18	<button>Update</button> <button>Delete</button> <button>View</button>
3	Ticket3	From behala To NewTown	2023-07-18	<button>Update</button> <button>Delete</button> <button>View</button>
7	Season Coupon	Howrah To Kerala	2023-07-19	<button>Update</button> <button>Delete</button> <button>View</button>
9	Jagannath Yatra	Howrah To Puri	2023-07-19	<button>Update</button> <button>Delete</button> <button>View</button>
10	Railway Quota	Patna To Nagercoil	2023-07-20	<button>Update</button> <button>Delete</button> <button>View</button>

Pic: After the Updation for the ID(#)-1, -The Listing Page

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

ecommerce_db

employee

ems_db

hibernate_crud

sakila

sys

test

ttt_db

Tables

tickets

tickets_seq

Views

Stored Procedures

Functions

Administration Schemas

Information

No object selected

script1

SQL File 10*

SQL File 12*

SQL File 5*

SQL File 6*

22 create database tta_db;

23 use tta_db;

24 describe tickets;

25 select * from tickets;

26 truncate table tickets;

27 drop table tickets;

Result Grid

Filter Rows:

id ticket_content ticket_created_on ticket_short_description ticket_title

1 Up Coromandal Express Train 2023-07-18 Chennai To Howrah Ticket1

2 It is local train ticket 2023-07-18 Howrah to Bandel Ticket2

3 This is a Bus Ticket 2023-07-18 From behala To NewTown Ticket3

7 Hansafar Express via Bangaluru 2023-07-19 Howrah To Kerala Season Coupon

9 Pilgrimage Train-Bande Bhaarat 2023-07-19 Howrah To Puri Jagannath Yatra

10 LTC for 2 Adult + 2 Children 2023-07-20 Patna To Nagercoil Railway Quota

tickets 3 x

Output

Action Output

Time Action Message Duration / Fetch

1 00:28:24 use tta_db 0 row(s) affected 0.000 sec

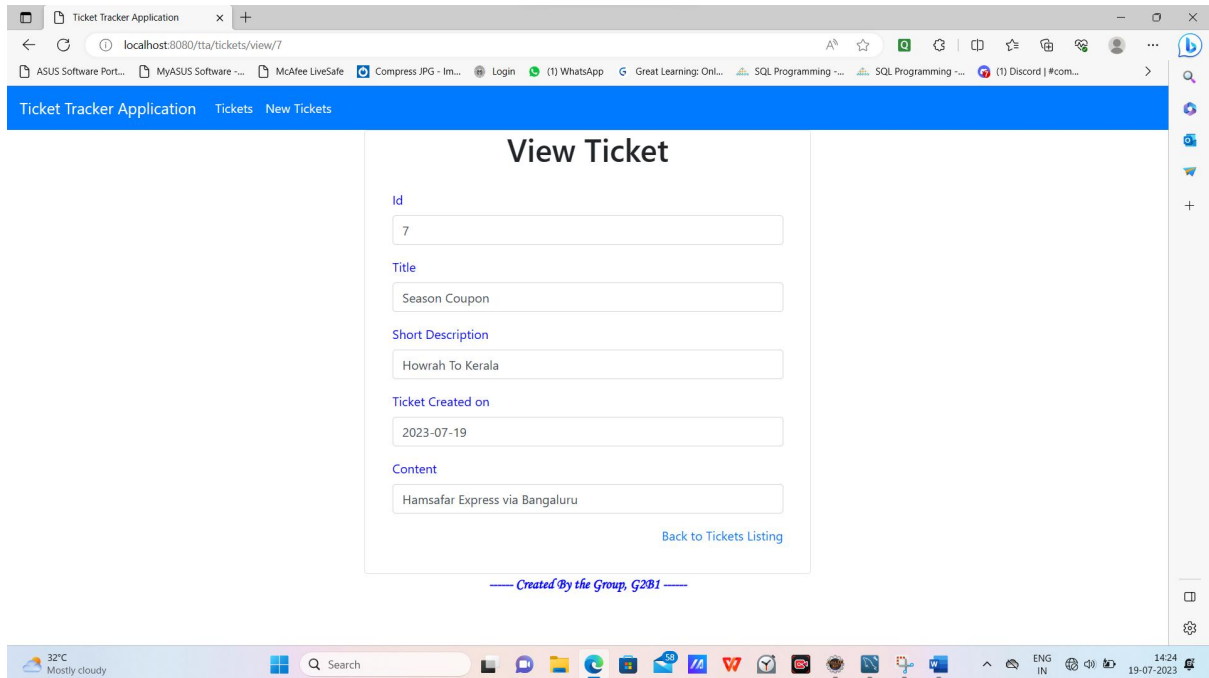
2 00:28:32 select * from tickets 5 row(s) returned 0.000 sec / 0.000 sec

3 00:40:30 select * from tickets 6 row(s) returned 0.000 sec / 0.000 sec

4 00:56:55 select * from tickets 6 row(s) returned 0.000 sec / 0.000 sec

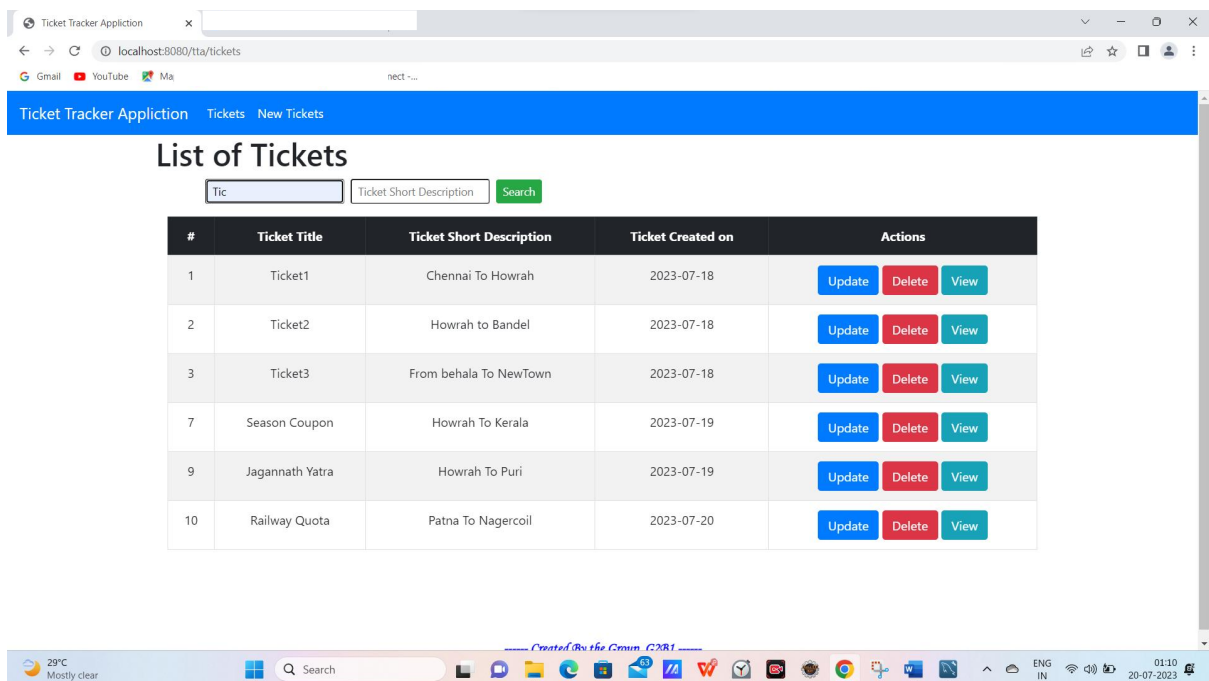
Pic: After the Updation for ID(#)-1, Records in the Database

Show / Select Operation



Pic: View / Select Operation for the ID(#)-7, -The View Ticket Page

Search Operation



Pic: Before the Search Operation putting "tic" for Ticket Title , -The Listing Page

Search Operation

Ticket Tracker Application Tickets New Tickets

List of Tickets

Ticket Title Ticket Short Description Search

#	Ticket Title	Ticket Short Description	Ticket Created on	Actions
1	Ticket1	Chennai To Howrah	2023-07-18	Update Delete View
2	Ticket2	Howrah to Bandel	2023-07-18	Update Delete View
3	Ticket3	From behala To NewTown	2023-07-18	Update Delete View

— Created By the Group, G2B1 —

Pic: After the Search Operation of putting “tic” in Ticket Title , -The Search Page

Ticket Tracker Application Tickets New Tickets

List of Tickets

Ticket Title Ticket Short Description Search

#	Ticket Title	Ticket Short Description	Ticket Created on	Actions
1	Ticket1	Chennai To Howrah	2023-07-18	Update Delete View
2	Ticket2	Howrah to Bandel	2023-07-18	Update Delete View
3	Ticket3	From behala To NewTown	2023-07-18	Update Delete View
7	Season Coupon	Howrah To Kerala	2023-07-19	Update Delete View
9	Jagannath Yatra	Howrah To Puri	2023-07-19	Update Delete View
10	Railway Quota	Patna To Nagercoil	2023-07-20	Update Delete View

— Created By the Group, G2B1 —

Pic: Before the Search Operation putting “n” for Ticket Short Description , -The Listing Page

Search Operation

Ticket Tracker Application Tickets New Tickets

List of Tickets

Ticket Title Ticket Short Description Search

#	Ticket Title	Ticket Short Description	Ticket Created on	Actions
1	Ticket1	Chennai To Howrah	2023-07-18	Update Delete View
2	Ticket2	Howrah to Bandel	2023-07-18	Update Delete View
3	Ticket3	From behala To NewTown	2023-07-18	Update Delete View
10	Railway Quota	Patna To Nagercoil	2023-07-20	Update Delete View

Created By the Group, G2B1

Pic: After the Search Operation of putting "n" in Ticket Short Description , -The Search Page

Ticket Tracker Application Tickets New Tickets

List of Tickets

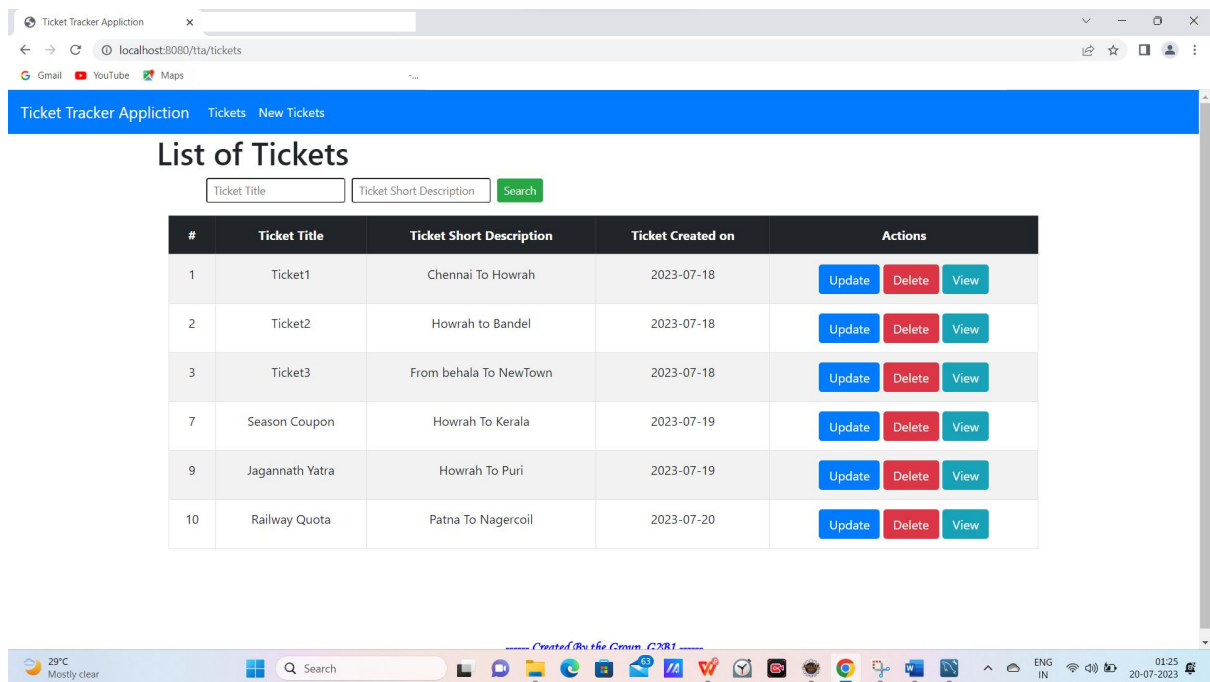
Ticket Title Ticket Short Description Search

#	Ticket Title	Ticket Short Description	Ticket Created on	Actions
1	Ticket1	Chennai To Howrah	2023-07-18	Update Delete View
2	Ticket2	Howrah to Bandel	2023-07-18	Update Delete View
3	Ticket3	From behala To NewTown	2023-07-18	Update Delete View
10	Railway Quota	Patna To Nagercoil	2023-07-20	Update Delete View

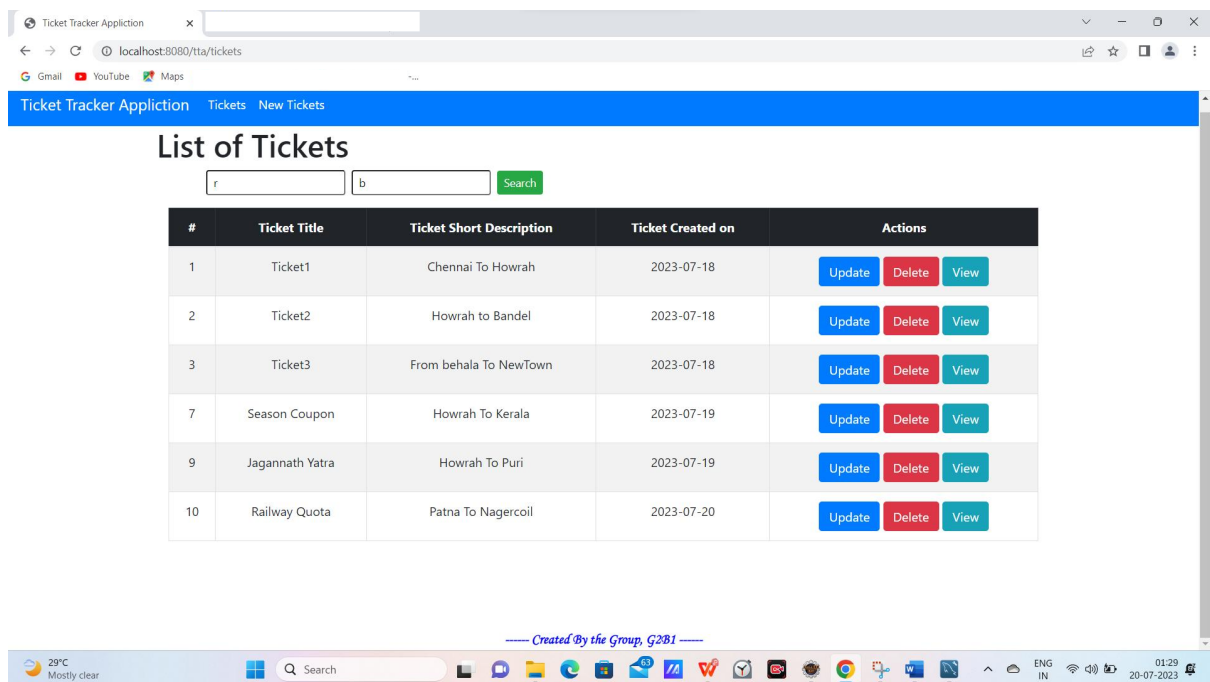
Created By the Group, G2B1

Pic: Before the Search Operation giving no value for both fields , -The Listing Page

Search Operation

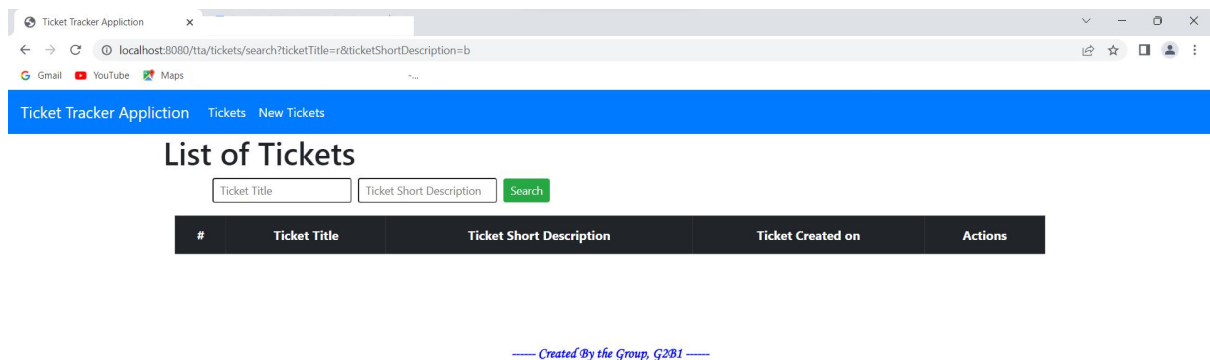


Pic: After giving no value for both fields, it redirects to , -The Listing Page



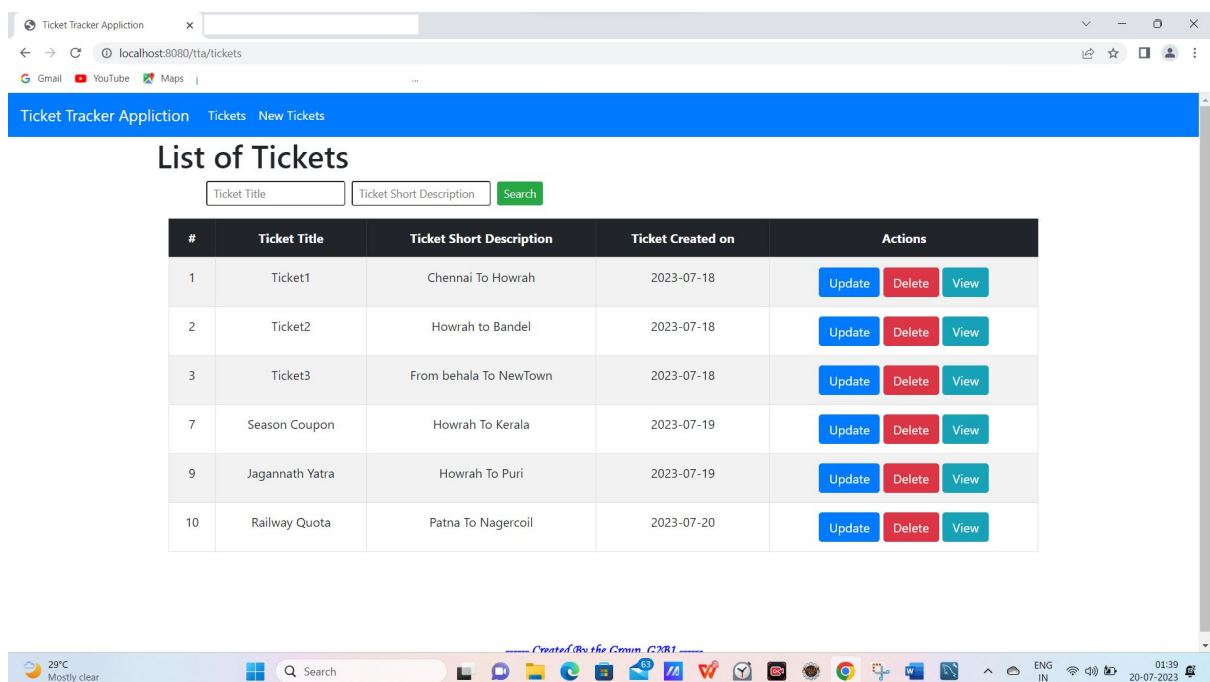
Pic: Before the Search Operation giving values("r" & "b") for both fields respectively, -The Listing Page

Search Operation



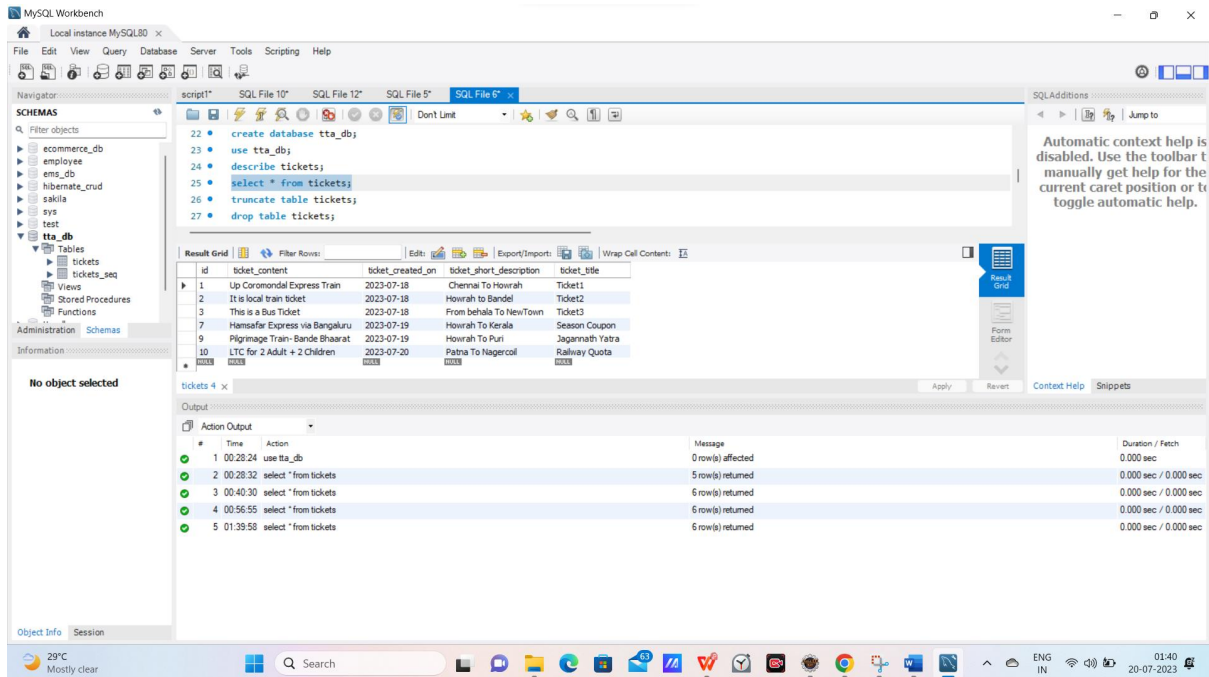
Pic: No Records found for giving values("r" & "b") for both fields respectively , -
The Search Page

Delete Operation

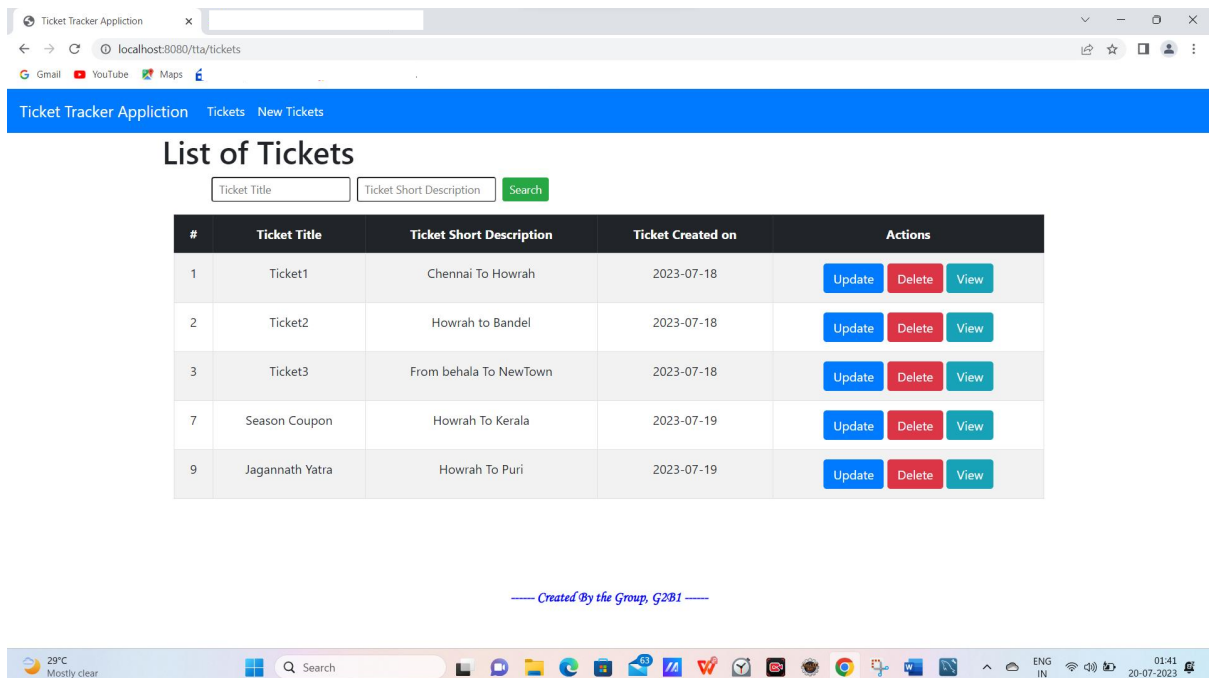


Pic: Before the Deletion for the ID(#)10, -The Listing Page

Delete Operation



Pic: Before the Deletion for ID(#)10, Records in the Database



Pic: After the Deletion of the ID(#)10, -The Listing Page

Delete Operation

The screenshot displays the MySQL Workbench interface. The SQL Editor at the top contains a script with the following commands:

```
22 create database tta_db;
23 use tta_db;
24 describe tickets;
25 select * from tickets;
26 truncate table tickets;
27 drop table tickets;
```

The 'Result Grid' shows the output of the 'select * from tickets;' command, displaying 5 rows of ticket data:

id	ticket_content	ticket_created_on	ticket_short_description	ticket_title
1	Up Coromandal Express Train	2023-07-18	Chennai To Howrah	Ticket1
2	It is local train ticket	2023-07-18	Howrah to Bandel	Ticket2
3	This is a Bus Ticket	2023-07-18	From behala To Newtown	Ticket3
7	Hansafer Express via Bangalore	2023-07-19	Howrah To Kerala	Season Coupon
9	Pilgrimage Train-Bande Shaarat	2023-07-19	Howrah To Puri	Jagannath Yatra

The 'Output' pane at the bottom shows the execution log for the 'tickets' table:

#	Time	Action	Message	Duration / Fetch
1	00:28:24	use tta_db	0 row(s) affected	0.000 sec
2	00:28:32	select * from tickets	5 row(s) returned	0.000 sec / 0.000 sec
3	00:40:30	select * from tickets	6 row(s) returned	0.000 sec / 0.000 sec
4	00:56:55	select * from tickets	6 row(s) returned	0.000 sec / 0.000 sec
5	01:39:58	select * from tickets	6 row(s) returned	0.000 sec / 0.000 sec
6	01:42:24	select * from tickets	5 row(s) returned	0.000 sec / 0.000 sec

Pic: After the Deletion of ID(#)10, Records in the Database