Database DB2

DATE	14 NOVEMBER 2022
Team ID	PNT2022TMID08534
Project name	Customer care registry

SQL Query to create table:

complaint Table

```
CREATE TABLE complaints(
id INT NOT NULL AUTO_INCREMENT,
username TEXT NOT NULL, email TEXT NOT NULL,
against_person TEXT NOT NULL,
des TEXT NOT NULL, date TEXT NOT NULL,
solved TEXT NOT NULL,
PRIMARY KEY (complaint_id)
);
```

- customer details Table

```
CREATE TABLE customerdeatils (
id INT NOT NULL AUTO_INCREMENT,
name TEXT NOT NULL,
email TEXT NOT NULL,
passwrd TEXT NOT NULL,
PRIMARY KEY (id)
);
```

-- Insert data into customer table

```
INSERT INTO customerdeatils VALUES (null, 'Clark', 'abc@abc.com', 'abc'); INSERT INTO customerdeatils VALUES (null, 'Clark2', 'abc2@abc.com', 'abc'); INSERT INTO customerdeatils VALUES (null, 'Clark3', 'abc3@abc.com', 'abc');
```

-- Insert data into customer table

```
INSERT INTO complaints VALUES ('Clark', 'kent', 'abc@abc.com', 'abc', 'water', '0'); INSERT INTO complaints VALUES ('Clark', 'kent', 'abc@abc.com', 'abc', 'water', '1');
```

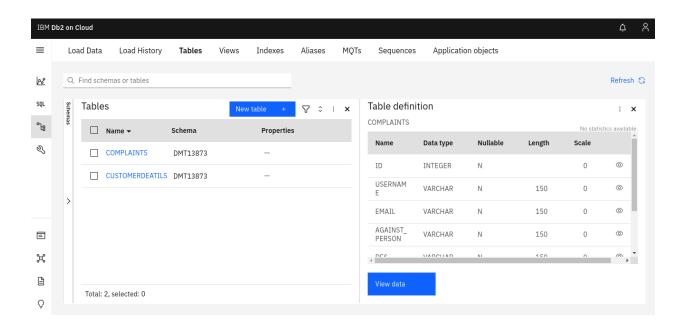
-- Fetch data from customer table

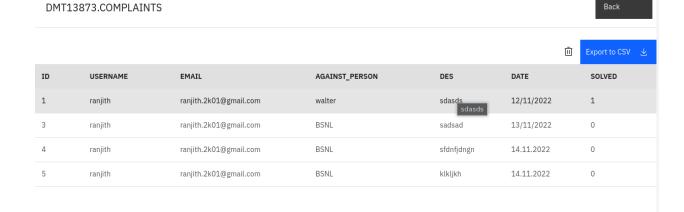
SELECT * FROM customerdeatils;

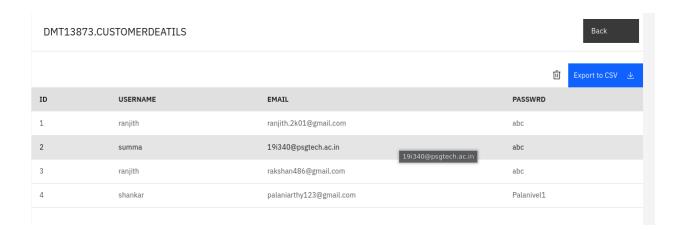
- Fetch data from Complaints

SELECT * FROM Complaints;

IBM cloud Db2:







DataBase Schema

Table definition

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COMPLAINTS

Name	Data type	Nullable	Length	Scale	Î
ID	INTEGER	N		0	©
USERNAM E	VARCHAR	N	150	0	0
EMAIL	VARCHAR	N	150	0	
AGAINST_ PERSON	VARCHAR	N	150	0	0
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Table definition

COMPLAINTS

COMPLAINTS				No statis	o statistics available.	
Name	Data type	Nullable	Length	Scale	•	
AGAINST_ PERSON	VARCHAR	N	150	0	©	
DES	VARCHAR	N	150	0	0	
DATE	VARCHAR	N	150	0	0	
SOLVED	VARCHAR	N	150	0	0	
4					▼ •	

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Table definition

CUSTOMERDEATILS

CUSTOMERDEATILS			No statistics available.		
Name	Data type	Nullable	Length	Scale	
ID	INTEGER	N		0	©
USERNAME	VARCHAR	N	150	0	©
EMAIL	VARCHAR	N VARCHAR	150	0	©
PASSWRD	VARCHAR	N	150	0	(a)

Connection configuration resources

Host b0aebb68-94fa-46ec-a1fc-

name: 1c999edb6187.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud

With SSL: Yes

Port number: 31249

Database name: bludb

User ID: <user name>

Password: *******

Version: Compatible with Db2, Version 11.5.0 or later

Download SSL Certificate

Connection to Db2:

```
4 # dsn_bostname = "bbaebb68-94fa-46ec-alfc-1c999edb6187.c3n4lcmd0nqnrk39u98g.databases.appdomain.cloud"1
5 # dsn_uid = "dmt13873"1
6 # dsn_pwd = "749yZ1Yq8U]2E4qm"1
7 # dsn_database = 'bludb'1
8 # dsn_port = 312491
9 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=b0aebb68-94fa-46ec-alfc-1c999edb6187.c3n4lcmd0nqnrk39u98g.databases.appdomain.cloud;PORT=31249;SE
10 print(conn):
11 print("connection successful...")1
```

```
query = "SELECT * FROM customerdeatils WHERE email=? AND passwrd=?"1
stmt = ibm_db.prepare(conn, query) # type:ignore1
ibm_db.bind_param(stmt,1,mail) # type:ignore1
ibm_db.bind_param(stmt,2,password) # type:ignore1
ibm_db.execute(stmt) # type:ignore1
user = ibm_db.fetch_assoc(stmt) # type:ignore1
print(user,password)1
```