

# PROJECT DEVELOPMENT

## SPRINT 2 - Database DB2

DATE	14 NOVEMBER 2022
Team ID	PNT2022TMID42929
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,  passwrđ 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');
```

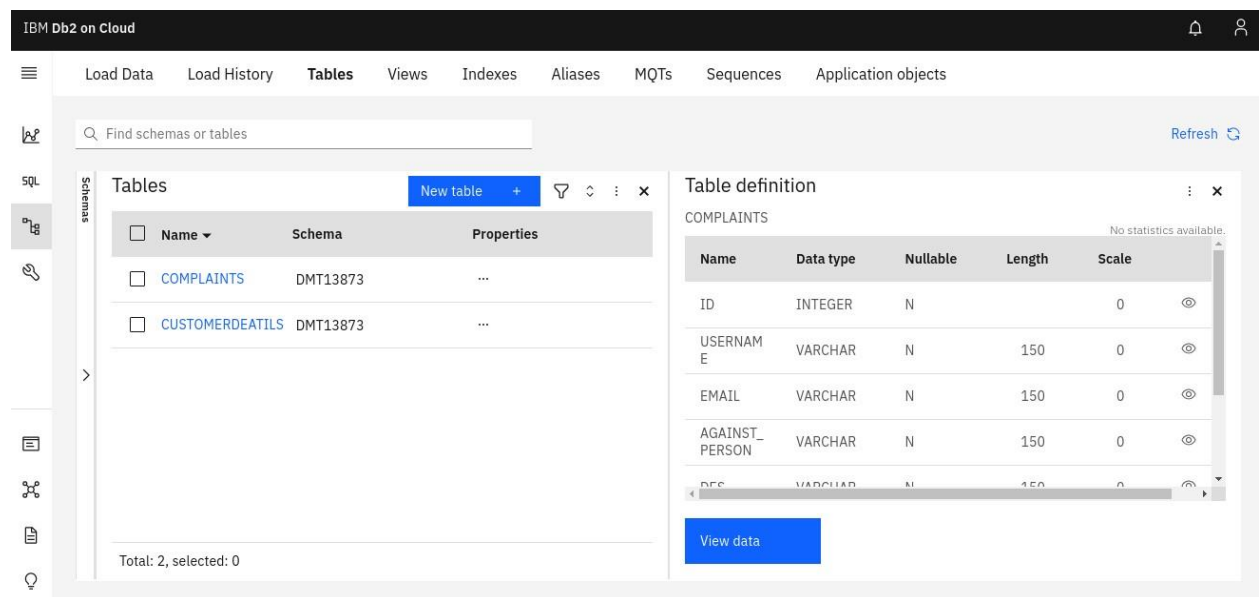
## -- Fetch data from customer table

```
SELECT * FROM customerdeatils;
```

## – Fetch data from Complaints

```
SELECT * FROM Complaints;
```

## IBM cloud Db2:



IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

Find schemas or tables Refresh

**Tables** New table +

Name	Schema	Properties
COMPLAINTS	DMT13873	...
CUSTOMERDEATILS	DMT13873	...

Total: 2, selected: 0



**Table definition**

COMPLAINTS No statistics available.

Name	Data type	Nullable	Length	Scale
ID	INTEGER	N		0
USERNAM E	VARCHAR	N	150	0
EMAIL	VARCHAR	N	150	0
AGAINST_ PERSON	VARCHAR	N	150	0
DES	VARCHAR	N	150	0

View data

DMT13873.COMPLAINTS						Back
						Export to CSV
ID	USERNAME	EMAIL	AGAINST_PERSON	DES	DATE	SOLVED
1	ranjith	ranjith.2k01@gmail.com	walter	sdasds	12/11/2022	1
3	ranjith	ranjith.2k01@gmail.com	BSNL	sadsad	13/11/2022	0
4	ranjith	ranjith.2k01@gmail.com	BSNL	sfdnfdngn	14.11.2022	0
5	ranjith	ranjith.2k01@gmail.com	BSNL	klkljkh	14.11.2022	0






DMT13873.CUSTOMERDEATILS				Back
				 <a href="#">Export to CSV</a> 
ID	USERNAME	EMAIL	PASSWRD	
1	ranjith	ranjith.2k01@gmail.com	abc	
2	summa	19i340@psgtech.ac.in	abc	19i340@psgtech.ac.in
3	ranjith	rakshan486@gmail.com	abc	
4	shankar	palaniarthy123@gmail.com	Palanivel1	

## DataBase Schema

### Table definition

#### COMPLAINTS

No statistics available.

Name	Data type	Nullable	Length	Scale	
ID	INTEGER	N		0	
USERNAM E	VARCHAR	N	150	0	
EMAIL	VARCHAR	N	150	0	
AGAINST_ PERSON	VARCHAR	N	150	0	
DES	VARCHAR	N	150	0	

## Table definition

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COMPLAINTS

No statistics available.

Name	Data type	Nullable	Length	Scale	
AGAINST_PERSON	VARCHAR	N	150	0	👁
DES	VARCHAR	N	150	0	👁
DATE	VARCHAR	N	150	0	👁
SOLVED	VARCHAR	N	150	0	👁

## Table definition

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CUSTOMERDEATILS

No statistics available.

Name	Data type	Nullable	Length	Scale	
ID	INTEGER	N		0	👁
USERNAME	VARCHAR	N	150	0	👁
EMAIL	VARCHAR	N	150	0	👁
PASSWRD	VARCHAR	N	150	0	👁

# Connection configuration resources

**Host name:** b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqn timerk39u98g.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_hostname = "b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqn timerk39u98g.databases.appdomain.cloud"
5 # dsn_uid = "dmt13873"
6 # dsn_pwd = "740yZ1Yq8Uj2E4qm"
7 # dsn_database = 'bludb'
8 # dsn_port = 31249
9 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqn timerk39u98g.databases.appdomain.cloud;PORT=31249;SE
10 print(conn)
11 print("connection successful...")
```

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