PROJECT DEVELOPMENT
SPRINT 2 -
Database DB2

DATE	19 NOVEMBER 2022
Team ID	PNT2022TMID41651
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

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

CUSTOMERDEATILS

No statistics available.

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

Connection configuration resources

Host name:	b0aebb68-94fa-46ec-a1fc-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_hostname = "b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqnrk39u98g.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.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=31249;SE
10 print(conn)
11 print("connection successful...")
```

```
query = "SELECT * FROM customerdeatils WHERE email=? AND passwrd=?"
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)
```