

# PROJECT DEVELOPMENT PHASE

## Database DB2

### SPRINT-2

<b><i>DATE</i></b>	<b><i>05 October 2022</i></b>
<b><i>Team ID</i></b>	<b><i>PNT2022TMID08561</i></b>
<b><i>Project name</i></b>	<b><i>Customer Care Registry</i></b>

#### 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:

The screenshot displays the IBM Db2 on Cloud management console. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, showing a list of tables in the 'DMT13873' schema: 'COMPLAINTS' and 'CUSTOMERDEATILS'. The 'Table definition' panel for the 'COMPLAINTS' table is open, showing the following columns:

Name	Data type	Nullable	Length	Scale
ID	INTEGER	N		0
USERNAME	VARCHAR	N	150	0
EMAIL	VARCHAR	N	150	0
AGAINST_PERSON	VARCHAR	N	150	0
DEF	VARCHAR	N	150	0

A 'View data' button is visible at the bottom of the table definition panel. The console also shows a search bar for schemas or tables and a 'Refresh' button.

DMT13873.COMPLAINTS

Back



Export to CSV



ID	USERNAME	EMAIL	AGAINST_PERSON	DES	DATE	SOLVED
1	ranjith	ranjith.2k01@gmail.com	walter	sdsads	12/11/2022	1
3	ranjith	ranjith.2k01@gmail.com	BSNL	sadsad	13/11/2022	0
4	ranjith	ranjith.2k01@gmail.com	BSNL	sfdnfjdngn	14.11.2022	0
5	ranjith	ranjith.2k01@gmail.com	BSNL	klkljkh	14.11.2022	0

DMT13873.CUSTOMERDEATILS

Back



Export to CSV



ID	USERNAME	EMAIL	PASSWRD
1	ranjith	ranjith.2k01@gmail.com	abc
2	summa	19i340@psgtech.ac.in	abc
3	ranjith	rakshan486@gmail.com	abc
4	shankar	palaniarth123@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=?"
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)
```