**Group: 09**

**Topic: Pizza Store Interface**

Group Members:

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**Overview:**

This project aims to create a platform for a pizza store wherein you can enter, view, or update the details of a customer ordering pizza or employees working in the store.

We have mainly used MySQL as DBMS and Java as programming language. The java file connects to the MySQL database by specifying parameters like sql server URL, and password from separate connector. properties file (which we have included in the submission zip folder for reference).

**Database Schema**

**Table Products:**

PID int primary key auto\_increment,

Name varchar(30),

Cost float,

Rating int

|  |  |  |  |
| --- | --- | --- | --- |
| PID | Name | Cost | Rating |
| 1 | Cheese Pizza | 124.75 | 9 |
| 2 | Veggie Pizza | 154.25 | 7 |
| 3 | Pepperoni Pizza | 300.00 | 9 |
| 4 | Margherita Pizza | 145.75 | 6 |
| 5 | Cheese Veggie Pizza | 199.95 | 8 |
| 6 | Onion Tomato Corn Pizza | 250.50 | 8 |
| 7 | Hawaiian Pizza | 225.00 | 7 |
| 8 | Italy Special Pizza | 175.75 | 10 |
| 9 | New-York Style Pizza | 99.99 | 8 |
| 10 | Cicilian Pizza | 100.00 | 9 |

**Table customers**

CID int primary key auto\_increment,

Address varchar (30),

Name varchar(30),

Phone\_number bigint,

Number\_of\_Orders int

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CID | Name | Address | Phone Number | Number of orders |
| 1 | Atul | 6649 Blue Street | 9989989989 | 1 |
| 2 | Aman | 8W Bridge | 8898989898 | 1 |
| 3 | Bhavya | 25E near church | 7869785869 | 1 |
| 4 | Vikalp | New Horizon | 8324543212 | 1 |
| 5 | Jatin | Dangi Street | 8342567896 | 1 |
| 6 | Aashish | Sabji Bazar | 8123456789 | 1 |
| 7 | Ajay | Golkuldham Society | 8876567543 | 1 |
| 8 | Harshvardhan | Powder Gully | 8232435465 | 1 |
| 9 | Lekhraj | Andheri East | 9876567883 | 1 |
| 10 | Akshit | Andheri West | 7865676783 | 1 |
|  |  |  |  |  |

**Table Employees**

EID int primary key auto\_increment,

Name varchar(30),

Phone\_number bigint

|  |  |  |
| --- | --- | --- |
| EID | Name | Phone Number |
| 1 | Itachi Uchiha | 9595959595 |
| 2 | Naruto Uzumaki | 9534959595 |
| 3 | Kakashi Hatake | 8895959595 |
| 4 | Shikamaru Nara | 9565959595 |
| 5 | Minato Namikaze | 9595959533 |
| 6 | Hinata Hyuga | 9595944595 |
| 7 | Sakura Haruno | 9595669595 |
| 8 | Temari | 9595959225 |
| 9 | Rin Nohara | 9595911595 |
| 10 | Kushina Uzumaki | 9598859595 |

**Table Orders**:

OrderID int primary key auto\_increment,

Date\_of\_order date,

Time\_of\_order time,

CID int,

PID int,

Cost float,

foreign key (CID) REFERENCES CUSTOMERS(CID),

foreign key (PID) references products(PID)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| OrderID | Date of Order | Time of Order | CID | PID | Cost |
| 1 | 2020-08-10 | 13:23:44 | 5 | 3 | 543.65 |
| 2 | 2020-08-11 | 13:23:44 | 10 | 4 | 55 |
| 3 | 2020-08-12 | 14:23:44 | 4 | 5 | 365 |
| 4 | 2020-08-13 | 15:23:44 | 3 | 6 | 435 |
| 5 | 2020-08-14 | 16:23:44 | 2 | 7 | 565 |
| 6 | 2020-08-15 | 17:23:44 | 1 | 8 | 65 |
| 7 | 2020-08-16 | 18:23:44 | 9 | 9 | 554.65 |
| 8 | 2020-08-17 | 19:23:44 | 8 | 10 | 673.65 |
| 9 | 2020-08-18 | 14:23:44 | 7 | 1 | 444.65 |
| 10 | 2020-08-19 | 16:23:44 | 6 | 2 | 53.65 |

**EXECUTION OF CODE:**

Hey! Welcome to our pizza store. Firstly, we Provide the user the menu:

Press 1: To Insert New Records.

Press 2: For Viewing data in existing tables.

Press 3: To Update the Records in the Store.

Press 6: To Quit the Program.

Now if 1 is pressed:

You Can Place an order, insert values in any of the table.

If 2 is pressed:

You can view data of any of the table completely or manually.

If 3 is pressed:

To update the entries in any of the table.

If 6 is pressed:

The Program returns.

We have created 10 triggers their function is as follows:

When an order is placed, the order count gets increased by 1 in Customers table.

When a Customer is added to the customers table a new trigger gets executed.

**E-R Diagram:**



