**Tables in our Database:**

There are five tables in our database, which relate to database.

1. Login
2. Employee
3. Customer
4. Products
5. Bill

The Login Table consists of the username and password. Only specific users can access the application. When the username and password match then only the user is allowed to move to the application and make changes (such as edit, delete or view) in the database from different specific forms.

Table

Description automatically generated

The Employee Table consists of the records of the employees working in the store the data includes the employee id, name, CNIC, gender, contact number, experience (in years), and the post of the employee.

Table

Description automatically generated

The Customer Table consists of the records of the customers visiting purchasing from the store, it includes id, name, contact number, address, and CNIC of the customer.

A screenshot of a computer

Description automatically generated with medium confidence

The Products Table consists of the records of the products of different brands or companies, it includes the id of the product, product company name, product category (necklace, ring, earring, bracelet, chain, etc.,), product type (gold, silver, diamond), and the product price.

Table

Description automatically generated

The Bill Table consists of the records of the bills of the customers of the store, it includes the receipt number, id of the customer, product id, price of the product, quantity of the product, purchase date and Total price. In this table the Total price column is the **derived column** which is derived from product price and quantity. The total price is equal to the product of price and quantity (price \* quantity).

A screenshot of a computer

Description automatically generated with medium confidence

**Forms in the Desktop Application:**

There are 10 forms in our application.

**Form 1** is the login page

**Form 2** is the Welcome or the Home page.

**Form 3** is the Employee Information page.

**Form 4** is the Customer Information page.

**Form 5** is the Products Information page.

**Form 6** is the Bill Information page.

**Form 7** is the Table or Record of the Employee Table.

**Form 8** is the Table or Record of the Customer Table.

**Form 9** is the Table or Record of the Product Table.

**Form 10** is the Table or Record of the Bill Table.