**Item Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item ID (PK) | Item Name | Category | Quantity | Price(rs) |
| 1 | Harry Potter | Book | 100 | 200 |
| 2 | Thor | CD | 150 | 500 |
| 3 | Eye Liner | Cosmetics | 200 | 700 |
| 4 | Kajal | Cosmetics | 25 | 100 |
| 5 | Mevarik | CD | 15 | 200 |
| 6 | Avengers | CD | 10 | 600 |
| 7 | Fantastic Beast | Book | 250 | 300 |
| 8 | Lip Stick | Cosmetics | 500 | 500 |

**Transactions Detail**

|  |  |  |
| --- | --- | --- |
| Transaction ID  (FK) | Item ID (FK) | Quantity |
| 1 | 1 | 2 |
| 1 | 2 | 1 |
| 2 | 3 | 5 |

**Transaction**

|  |  |
| --- | --- |
| **Transaction ID**  **(PK)** | **Customer ID**  **(FK)** |
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |

**Customer Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Customer ID (PK) | Customer Name | UserName | Password |
| 1 | AAA | aaa | **xxxxxxxxxxxx** |
| 2 | BBB | bbb | **xxxxxxxx** |
| 3 | CCC | ccc | **xxxxxxxxxxxx** |

Menu:

1. Login (**Customer Table**)
   1. **Add new customer** to the table if **not exist**.
   2. Generate **Transaction ID** for new Customer (**Transaction Table**)
2. Add to Cart (Transaction ID)
3. Add new item
   1. Transaction ID -> (add new item) (**Transaction Details Table**)
4. Remove item
   1. Transaction ID -> (delete item) (**Transaction Details Table**)
5. Generate Bill (Customer ID)
   1. Fetch **Transaction ID** of that **Customer** (From **Transaction Table**)
   2. **Get all item** for that Transaction ID (**From Transaction Details Table**)
   3. **Print the Bill**
6. Show All Items
7. Show All Transaction
8. Show All Transaction Details
9. Show All Customer