

INVOICE BILLING SYSTEM

TABLE DESIGN:

CUSTOMER TABLE:

	CustomerID	Name	MobileNumber	Balance
▶	1	Akshaya	7373611199	13.00
	2	Seetha	9897969897	7.00
	3	Gayatri	9796957665	0.00

ITEM TABLE:

ItemID	ItemName	Unit	Rate
1	Pen	pcs	20.00
2	Pencil	pcs	5.00
3	Scale	pcsc	10.00
4	DairyMilk	pcs	10.00
5	KitKat	pcs	15.00
6	Munch	pcs	20.00

INVOICE TABLE:

InvoiceID	CustomerID	Date	SubTotal	Discount	Total
1	1	2024-07-18	50.00	0.00	48.00
2	2	2024-07-18	60.00	0.00	57.00
3	3	2024-07-18	20.00	0.00	15.00
4	1	2024-07-18	5.00	18.00	0.00

INVOICE DETAILS TABLE:

DetailID	InvoiceID	ItemID	Quantity	Price
1	1	5	2	30.00
2	1	1	1	20.00
3	2	3	1	10.00
4	2	1	2	40.00
5	2	4	1	10.00
6	3	1	1	20.00
7	4	2	1	5.00

OUTPUT:

```
Invoice Billing System
1. Create Invoice
2. View All Invoices
3. View Invoice by ID
4. View Customer Balance
5. View Item Sales
6. Create Item
7. Exit
```

1. CREATE INVOICE OUTPUT:

```
Choose an option: 1
Enter Customer's Mobile Number: 7373211199
Enter Customer Name: Ajitha
Enter Discount: 5
1. Add Item
2. Update Item
3. Delete Item
4. Finish
Choose an option: 1
Enter Item Name: Pen
Enter Quantity: 2
1. Add Item
2. Update Item
3. Delete Item
4. Finish
Choose an option: 2
Enter Item Name: Pen
Enter Quantity to Update: 3
1. Add Item
2. Update Item
3. Delete Item
4. Finish
Choose an option: 1
Enter Item Name: 5star
Item Name entered is not valid
1. Add Item
2. Update Item
3. Delete Item
4. Finish
Choose an option: 1
Enter Item Name: kitkat
Enter Quantity: 2

1. Add Item
2. Update Item
3. Delete Item
4. Finish
Choose an option: 3
Enter Item Name: kitkat
1. Add Item
2. Update Item
3. Delete Item
4. Finish
Choose an option: 4
AMOUNT TO BE PAID: 55.0
Enter Paid Amount: 50
Invoice created successfully.
Initial Balance: 0.0
InvoiceID: 5
Customer Name: Ajitha
Date: 2024-07-18
Item Name      Quantity  Unit   Rate   Price
Pen            3         pcs    20.00  60.00
SubTotal: 60.00
Discount: 0.00
Total: 55.00
Paid Amount: 50.0
Balance Due: 5.0
```

2. VIEW ALL INVOICES OUTPUT:

```
Choose an option: 2
InvoiceID Customer Name      Date      Total
1         Akshaya           2024-07-18 48.00
2         Seetha            2024-07-18 57.00
3         Gayatri           2024-07-18 15.00
4         Akshaya           2024-07-18 0.00
5         Ajitha            2024-07-18 55.00
```

### 3. VIEW INVOICE BY ID

```
Choose an option: 3
Enter Invoice ID: 1
InvoiceID: 1
Customer Name: Akshaya
Date: 2024-07-18
Item Name      Quantity  Unit   Rate   Price
KitKat         2         pcs    15.00  30.00
Pen            1         pcs    20.00  20.00
SubTotal: 50.00
Discount: 0.00
Total: 48.00
```

### 4. VIEW CUSTOMER BALANCE

```
Choose an option: 4
Enter Customer's Mobile Number: 7373611199
Customer's Balance Due: 13.0
```

### 5. VIEW ITEM SALES

```
Choose an option: 5
Item Name      Total Quantity Total Sales
KitKat         2             30.00
Pen            7            140.00
Scale          1             10.00
DairyMilk      1             10.00
Pencil         1              5.00
```

### 6. CREATE ITEM

```
Choose an option: 6
Enter Item Name: NOTEBOOK
Enter Unit: -
Enter Rate: 45
Item created successfully
```