

*Name – Aryan Sharma*  
*Enrollment No – BT21GCS161*  
*Dimensional and NoSQL Databases*  
*Assignment 09*

**Activity** - Banking schema with xml document of each table and its data

*Table 1: Customer Table:*

<b><i>Cx Id</i></b>	<b><i>First Name</i></b>	<b><i>Last Name</i></b>	<b><i>DOB</i></b>	<b><i>Address</i></b>	<b><i>Phone No.</i></b>	<b><i>Acc_No.</i></b>
01	Aryan	Sharma	19-01-2004	Thane	9960765259	1101
02	Raja	Pandey	31-04-2004	Thane	9974927482	1102
03	Soham	Patil	07-07-2003	Delhi	7321589395	1103
04	Preksha	Sharma	12-09-2003	Pune	9627362828	1104
05	Niyati	Takawale	21-01-2004	Delhi	7772837284	1105

*Xml Code : Customer table*

```
<?xml version="1.0"?>
<Customers>
  <customer>
    <cxId>01</cxId>
    <firstName>Aryan</firstName>
    <lastName>Sharma</lastName>
    <dob>19-01-2004</dob>
    <address>Thane</address>
    <phoneNo>9960765259</phoneNo>
    <acc_No>1101</acc_No>
  </customer>
  <customer>
    <cxId>02</cxId>
    <firstName>Raja</firstName>
    <lastName>Pandey</lastName>
    <dob>31-04-2004</dob>
    <address>Thane</address>
```

```
<phoneNo>9974927482</phoneNo>
<acc_No>1102</acc_No>
</customer>
<customer>
  <cxId>03</cxId>
  <firstName>Soham</firstName>
  <lastName>Patil</lastName>
  <dob>07-07-2003</dob>
  <address>Delhi</address>
  <phoneNo>7321589395</phoneNo>
  <acc_No>1103</acc_No>
</customer>
<customer>
  <cxId>04</cxId>
  <firstName>Preksha</firstName>
  <lastName>Sharma</lastName>
  <dob>12-09-2003</dob>
  <address>Pune</address>
  <phoneNo>9627362828</phoneNo>
  <acc_No>1104</acc_No>
</customer>
<customer>
  <cxId>05</cxId>
  <firstName>Niyati</firstName>
  <lastName>Takawale</lastName>
  <dob>21-01-2004</dob>
  <address>Delhi</address>
  <phoneNo>7772837284</phoneNo>
  <acc_No>1105</acc_No>
</customer>
<Customer>
```

---

Table 2: Account Table

<i>Account No</i>	<i>Customer ID</i>	<i>Account Type</i>	<i>Balance</i>
1101	01	Saving Account	5200
1102	02	Current Account	2500
1103	03	Saving Account	5000
1104	04	Loan Account	10000
1105	05	Current Account	15000

XML Code: Account Table

-----

```
<?xml version="1.0"?>
```

```
<Accounts>
```

```
  <account>
```

```
    <accNo>1101</accNo>
```

```
    <cxId>01</cxId>
```

```
    <accType>Saving Account</accType>
```

```
    <balance>5200</balance>
```

```
  </account>
```

```
  <account>
```

```
    <accNo>1102</accNo>
```

```
    <cxId>02</cxId>
```

```
    <accType>Current Account</accType>
```

```
    <balance>2500</balance>
```

```
  </account>
```

```
  <account>
```

```
    <accNo>1103</accNo>
```

```
    <cxId>03</cxId>
```

```
    <accType>Saving Account</accType>
```

```
    <balance>5000</balance>
```

```
  </account>
```

```
  <account>
```

```
    <accNo>1104</accNo>
```

```
    <cxId>04</cxId>
```

```
    <accType>Loan Account</accType>
```

```

    <balance>10000</balance>
  </account>
<account>
  <accNo>1105</accNo>
  <cxId>05</cxId>
  <accType>Current Account</accType>
  <balance>15000</balance>
</account>
</Accounts>

```

---

Table 3: Transaction Table

Acc_No.	Date	Detail	Debit	Credit	Balance
1101	2023-10-19	Withdrawn	200	-----	5000
1102	2023-10-20	Transfer	-----	1000	3500
1103	2023-10-21	ATMCard AMC	150.50	-----	4849.5
1104	2023-10-22	Transfer	100	-----	9,900
1105	2023-10-22	Transfer	-----	200	15,200

XML Code: Transaction Table

```

<?xml version="1.0"?>
<Transactions>
  <transaction>
    <acc_No>1101</acc_No>
    <date>2023-10-19</date>
    <detail>Withdrawn</detail>
    <debit>200</debit>
    <credit>0</credit>
    <balance>5000</balance>
  </transaction>
  <transaction>
    <acc_No>1102</acc_No>

```

```
<date>2023-10-20</date>
<detail>Transfer</detail>
<debit>0</debit>
<credit>1000</credit>
<balance>3500</balance>
</transaction>
<transaction>
  <acc_No>1103</acc_No>
  <date>2023-10-21</date>
  <detail>ATMCARD AMC</detail>
  <debit>150.50</debit>
  <credit>0</credit>
  <balance>4849.5</balance>
</transaction>
<transaction>
  <acc_No>1104</acc_No>
  <date>2023-10-22</date>
  <detail>Transfer</detail>
  <debit>0</debit>
  <credit>100</credit>
  <balance>9,900</balance>
</transaction>
<transaction>
  <acc_No>1105</acc_No>
  <date>2023-10-22</date>
  <detail>Transfer</detail>
  <debit>0</debit>
  <credit>200</credit>
  <balance>15,200</balance>
</transaction>
</Transactions>
```

---