

*Name – Aryan Sharma*  
*Enrollment No – BT21GCS161*  
*Dimensional and NoSQL Databases*  
*Assignment 10*

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

Table 1: Customer Table:

<i><b>Cx Id</b></i>	<i><b>First Name</b></i>	<i><b>Last Name</b></i>	<i><b>DOB</b></i>	<i><b>Address</b></i>	<i><b>Phone No.</b></i>	<i><b>Acc_No.</b></i>
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

*Json Code : Customer Table*

*Customer [*

```
{  
  "Cx Id": "01",  
  "First Name": "Aryan",  
  "Last Name": "Sharma",  
  "DOB": "19-01-2004",  
  "Address": "Thane",  
  "Phone No.": "9960765259",  
  "Acc_No.": "1101"  
},  
{  
  "Cx Id": "02",  
  "First Name": "Raja",  
  "Last Name": "Pandey",  
  "DOB": "31-04-2004",
```

```
"Address": "Thane",
"Phone No.": "9974927482",
"Acc_No.": "1102"
},
{
  "Cx Id": "03",
  "First Name": "Soham",
  "Last Name": "Patil",
  "DOB": "07-07-2003",
  "Address": "Delhi",
  "Phone No.": "7321589395",
  "Acc_No.": "1103"
},
{
  "Cx Id": "04",
  "First Name": "Preksha",
  "Last Name": "Sharma",
  "DOB": "12-09-2003",
  "Address": "Pune",
  "Phone No.": "9627362828",
  "Acc_No.": "1104"
},
{
  "Cx Id": "05",
  "First Name": "Niyati",
  "Last Name": "Takawale",
  "DOB": "21-01-2004",
  "Address": "Delhi",
  "Phone No.": "7772837284",
  "Acc_No.": "1105"
}
]
```

Table 2: Account Table

Account No	Customer ID	Account Type	Balance
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

Json Code: Account Table

```
Account [  
  {  
    "Account No": "1101",  
    "Customer ID": "01",  
    "Account Type": "Saving Account",  
    "Balance": "5200"  
  },  
  {  
    "Account No": "1102",  
    "Customer ID": "02",  
    "Account Type": "Current Account",  
    "Balance": "2500"  
  },  
  {  
    "Account No": "1103",  
    "Customer ID": "03",  
    "Account Type": "Saving Account",  
    "Balance": "5000"  
  },  
]
```

```
{
  "Account No": "1104",
  "Customer ID": "04",
  "Account Type": "Loan Account",
  "Balance": "10000"
},
{
  "Account No": "1105",
  "Customer ID": "05",
  "Account Type": "Current Account",
  "Balance": "15000"
}
]
```

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1101	2023-10-19	Withdrawn	200	-----	5000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

Json Code: Transaction Table

```
Transaction [
{
  "Acc_No.": "1101",
  "Date": "2023-10-19",
  "Detail": "Withdrawn",
  "Debit": "200",
```

```
"Credit": "0",
"Balance": "5000"
},
{
  "Acc_No.": "1102",
  "Date": "2023-10-20",
  "Detail": "Transfer",
  "Debit": "0",
  "Credit": "1000",
  "Balance": "3500"
},
{
  "Acc_No.": "1103",
  "Date": "2023-10-21",
  "Detail": "ATMCARD AMC",
  "Debit": "150.5",
  "Credit": "0",
  "Balance": "4849.5"
},
{
  "Acc_No.": "1104",
  "Date": "2023-10-22",
  "Detail": "Transfer",
  "Debit": "100",
  "Credit": "0",
  "Balance": "9900"
},
{
  "Acc_No.": "1105",
  "Date": "2023-10-22",
  "Detail": "Transfer",
  "Debit": "0",
  "Credit": "200",
```

*"Balance": "15200"*

}

]

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